FIVE-FIGURE MATHEMATICAL TABLES

CONSISTING OF

LOGS AND COLOGS OF NUMBERS FROM 1 TO 40,000 ILLOGS (ANTILOGS) OF NUMBERS FROM 0000 TO 9999 LOLOGS (LOGS OF LOGS) OF NUMBERS FROM 000100 TO 1,000 ILLOLOGS (ANTILOLOGS) OF NUMBERS FROM 60 TO 05000

Together with an Explanatory Introduction and Numerous Examples

ALSO,

TRIGONOMETRICAL FUNCTIONS AND THEIR LOGS OF ANGLES FROM 0° 90° AT INTERVALS OF 1 MINUTE

With Subsidiary Tables

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LONDON: 38 Soho Square, W.

W. & R. CHAMBERS, LIMITED

EDINBURGH: 339 High Street

1915

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PREFACE.

The genius and labours of Napier, Briggs, and Vlacq during the early part of the seventeenth century resulted in the production of what may perhaps be termed the most wonderful piece of work in the whole history of Mathematics—namely, a Table of Logarithms.

At that period the only Mathematical Sciences were Astronomy, Navigation, and Surveying. In these the new tables could be used to reduce the necessary calculations to the simplest possible form—that is to say, Addition and Subtraction were substituted for Multiplication and Division. It has been well said that the invention of logarithms has added years to the life of the astronomer.

For two hundred years, roughly speaking, it is probable that no one found these tables inadequate for the calculation of any problem contemplated by contemporary In the mineteenth century, however, other sciences notably Electricity and Thermo-Dynamics-became mathematical; and one fundamental difference between the new sciences and the old is that whereas, in the latter, numbers had only to be raised to simple powers-merely squared in the majority of casesfractional indices occur in all branches of the former. Consequently, it cannot be said that the tables of three hundred years ago reduce the calculations of Their defect is that processes of Involution to-day to the simplest possible form. and Evolution are somewhat tedious with any but the simplest indices; whereas, by the use of tables adapted to the processes in question, modern calculations can also be reduced to the simplest form. The lolog and illolog tables now published for the first time are intended to accomplish for the modern scientist what the original logarithm tables did for the scientist of the seventeenth century, although they are but an obvious development of Napier's unparalleled work.

The compilation of such tables was decided upon because of the great assistance they would give to the author in his own work. Their publication is due to a firm conviction that many scientists and others will find them equally useful.

It may be well to point out that the calculations of modern Experimental Science are all based on Measurement. In the great majority of cases measurement of length is necessary, and this can only be carried out with great accuracy if the most refined methods are employed. As we necessarily start from data of limited accuracy, the Theory of Error must be employed to find to what extent the result can be relied on. The number of figures that can justifiably be retained in a result is quite small, even though the ordinary processes of arithmetic might, in some cases, give an infinite number. It is for this reason that the Engineer and the Applied Scientist make use of logarithm tables to but few decimal places; in fact, as few as will enable the results to be as accurate as the data allow. The advantage of tables to few places is not only that fewer figures have to be written down, added, or subtracted, but there is less page-turning in finding values. These remarks have been made in explanation of the comparatively small number of figures in some of the tables in this book, which might

cause the Pure Mathematician to doubt their sufficiency. The number of ligures given is thought to be sufficient to meet almost all the requirements of many branches of Applied Science. If it should be found that the present tables are inadequate in any respect, no pains will be spared to augment them.

It seems a matter for some regret that Napier gave his new function such an awkward name, the last three letters of its anglicised form being quite This arrangement of letters cannot be justified etymologically, un pronounceable. because in the Greek word ἀριθμός there is a syllabic division in the middle of the three consonants complained of. In addition to its being unpronounceable, the word is too long for repeated use. Most users of logarithms realise this, and avoid Since this contraction is already in general the difficulty by calling them 'Logs.' use, and very suitable as the basis of a systematic series of names, it is proposed that the word 'log' should be regularised, and freed from any taint of slung. is next proposed that the log of the log of a number should be called the 'Lolog' of that number. Again, to facilitate the finding of results, the scientist very often employs tables in which the log is the argument. These tables have been somewhat clumsily called 'Anti-logarithm Tables.' In this book it is proposed to adopt the systematic name 'Illog,' which may be regarded as a contracted form of 'Anti-log.' In order to make the lolog tables as convenient as possible to use, they are accompanied by their inverse tables, which, to conform to the old nomenclature, should be called 'Anti-anti-logarithms' or 'Anti-lologs;' but it is proposed that they should be called 'Illologa.' We thus have two pairs of names-Logs and Lologs, Illogs and Illologs. These names will not, of course, carry their meaning on the surface, but will strongly suggest it to those to whom the terms have once been defined.

In constructing the tables, the utmost care has been taken to make them reliable—a very difficult matter, owing to the fact that the lolog of unity is infinite. It was somewhat disconcerting to observe the erratic variation of the lolog differences, which was traced to the approximate last figure of seven-figure logs. Nowhere in the calculation of the tables have less than seven-figure logs been used; for a large portion of them eight figures were employed, and in the neighbourhood of unity ten figures. The number of figures to which the calculated values have been reduced for publication represents greater accuracy on the whole, it is thought, than can be obtained when performing Involution and Evolution in the ordinary way with seven-figure logs, even though one deludes one's self that one has a six-figure result.

In an entirely new work it is, of course, quite impossible to foresee exactly the best arrangement and the magnitude of the intervals at which values should be given. The author, therefore, will be greatly indebted to any one, having actually used the new tables, who will favour him with suggestions for their improvement.

The tables of Logs, Cologs, Illogs, Trigonometrical Functions and their Logs have been added in order to make the book complete in itself. The unusual arrangement of these tables has been adopted with a view to convenience in use, and the intervals have been made sufficiently small to reduce interpolation to a minimum.

INTRODUCTION.

I. LOGS.

THE log of a number is the index to which another number, called the base, must be raised in order to be equal to the original number.

Thus, if $A^n = C$, B is the log of C to the base A. This is sometimes written:

If AB C and AB = E, then B = logA C and D logA E.

Now C × E ··· A^B × A^D · A^{B+D}, therefore B+D · log_A (C - E).

But B clogA C and D logA E, therefore logA (CE) logA C * logA E.

Hence, if a table is constructed, giving the logs of all numbers, it can be used to simplify multiplication. To multiply C by E, their logs must tirst be found in the table and then added. The sum so obtained is the log of the desired result, which can be found from the same table.

Suppose that instead of the product, the quotient $\frac{C}{E}$ is required.

Now
$$\frac{C}{E} = \frac{A^B}{A^B} = A^{B-D}$$
, therefore $B = D = \log_A \left(\frac{C}{E}\right)$, or $\log_A \left(\frac{C}{E}\right) = \log_A C = \log_A E$

Hence, to find the quotient $\frac{C}{E}$, subtract the log of E from the log of C, and the difference is the log of the desired result, which can then be found from the table

If it is required to find the value of C", a somewhat similar method can be used -

$$C_{\mu} = (V_{\mu})_{\mu} = V_{\mu B}$$

therefore

or

Again, to find the value of ∇C :

This is in the same form as the previous case considered, from which it follows that

$$\log_A C^{\frac{1}{n}} = \frac{1}{n} \times \log_A C = \log_A \stackrel{n}{\sim} C$$

From these four examples of the simple arithmetical processes, it will be seen that a table of logs can be used to simplify multiplication and division to saddition and authorition; and involution and evolution to multiplication and division.

Apart from practical convenience, a table of logs to any base would answer the purpose, but there are two distinct advantages gained by using 10 as the base. One advantage is that the first figure of any log can be written down at once without using the table, for :----

(Note.—It is unnecessary to specify the base every time. Log N is taken to mean log10 N, unless the contrary is stated.)

From this it is seen that the logs of the powers of the base are integers, and therefore the intermediate numbers, whether integral or fractional, will have logs consisting of integers and fractions. These fractions cannot be completely expressed by any finite number of figures, but for all practical purposes a few figures only will suffice. Very great accuracy can be obtained by using logs to ten decimal places; on the other hand, for certain calculations and for plotting, four figures are sometimes sufficient. The five-place tables in this book are accurate enough for the ordinary calculations of the engineer and scientist.

As an example of the ease with which the first figure of a log may be written down, consider the log of 16. This number lies between 10 and 100, therefore its log to the base 10 lies between 1 and 2—that is to say, its first figure is 1. Again, 0.016 lies between 0.01 and 0.1, therefore its log lies between -1 and -2; or, in other words, its first figure is -1. The other advantage which results from using 10 as the base of a table of logs is that all numbers composed of the same sequence of digits, but differing in the position of the decimal point, have the same logs with the exception of the first figure. This can be demonstrated most clearly by considering a numerical example -

```
\begin{array}{c} \log \ 16 = 1 \cdot 20412 \\ \log \ 160 & = \log \ 16 + \log \ 10 \\ = 1 \cdot 20412 + 1 = 2 \cdot 20412 \\ \log \ 1600 & = \log \ 16 + \log \ 100 \\ = 1 \cdot 20412 + 2 = 3 \cdot 20412 \\ \log \ 16000 = \log \ 16 + \log \ 1000 \\ = 1 \cdot 20412 + 3 = 4 \cdot 20412 \\ \&c. & \&c. \\ \log \ 1 \cdot 6 & = \log \ 16 - \log \ 10 \\ = 1 \cdot 20412 - 1 \\ = 0 \cdot 20412 \\ \log \ 0 \cdot 16 & = \log \ 16 - \log \ 100 \\ = 1 \cdot 20412 - 2 = -0.79588 \\ \log \ 0 \cdot 016 & = \log \ 16 - \log \ 1000 \\ = 1 \cdot 20412 - 3 = -1.79588 \\ \log \ 0 \cdot 0016 = \log \ 16 - \log \ 10000 \\ = 1 \cdot 20412 - 4 = -2.79588 \\ \end{array}
```

The last three values seem to contradict the statement made above that the logs of all numbers having the same sequence of digits are the same, with the exception of the first figure; but this apparent contradiction can be removed by means of a very simple device. It will be seen that the logs of numbers less than unity are negative. These can be made partly negative and partly positive by adding unity to the negative fractional part, and subtracting unity from the negative integral part. The resulting value will be unchanged, but the integral part will be negative and the fractional part positive. To represent the fact that the integer alone is negative, the minus sign is written above it. If this simple operation is performed in the three cases above, the series would be as follows:—

```
log 16000 =4·20412
log 1600 =3·20412
log 160 =2·20412
log 16 =1·20412
log 0·16 =T·20412
log 0·016 =2·20412
log 0·016 =3·20412
&c.
```

From this it is seen that the first figure, which alone varies, is always to the left of the decimal point, so that the fractional part is unchanged. The integral part of a log is called its characteristic, and the fractional part is called its mantissa.

It should now be clear that the characteristic can always be determined from the position of the decimal point of a number. The rules are as follows:—

If the number is greater than unity, the characteristic is positive, and is one less than the number of digits to the left of the decimal point.

If the number is less than unity, the characteristic is negative, and is one more than the number of ciphers between the decimal point and the first significant digit.

Thus :--

log 63 = 1.79934 log 6.3 = 0.79934 log 0.63 = 1.79934 log 0.0063 = 3.79934

Owing to this property, log tables to the base 10 only contain the mantissae of digit-sequences. If the position of the decimal point is known, the digit sequence becomes a number with a definite characteristic, which, prefixed to the tabular mantissa, gives the log of the number. For this reason the tables are, to all intents and purposes, unlimited in extent.

To find logs of numbers from the tables on pages 1-73:

If the number contains one or two digits only, the log will be found on page 1, complete with the characteristic for the number as printed.

If the number contains three digits, of which the first significant one on the left is less than 4, its mantissa only will be found in the columns headed 0 on pages 2-61, opposite to the three digits printed in full, with a final 0 in addition, in the column headed No. To make the pages more agreeable to the eye, the first two figures of the mantissae are only printed the first time they occur at the beginning of a row, but must be read before all the succeeding values until the next mantissa is printed in full.

The arrangement on pages 62.73 is slightly different, owing to the fact that the interval at which the mantisace are given is increased tenfold. If the first significant digit on the loft is greater than 4, the three digits will be found in the column headed No., but only every tenth number is printed in full. The corresponding mantissa is given in the column headed 0. A few examples will make these points clear:—

If the number contains four digits, of which the first significant one on the left is less than 4, its mantissa only will be found in the columns headed 0 on pages 2 61, appealte to the four digits in question in the column headed 0, but only every tenth number is printed in full.

If the first significant digit on the left is greater than 4, the first three digits of the number will be found in the column headed No., and the finger must then traverse the page horizontally until it reaches the column headed by the fourth digit; the three figures found by this means are the last three figures of the required mantises. The first two figures are found to the left of the column headed 0. The two figures first above the line concerned should always be taken, unless the three last figures already mentionesi are preceded by an asterisk. In this case, the two figures at the beginning of the next line below must be taken.

EXAMPLES.

log 15-85 = 1-20003 log 2-691 = 0-42991 log 0-4943 = 1-69399 log 776-2 = 2-88997 log 7763 = 3-89003 log 8-918 = 0-95027

That is,

If the number contains five digits, of which the first significant one on the left is less than 4, the mantissa will be found in a similar way to that just described for a four-digit number, of which the first significant one is greater than 4. In this case, however, it is the fifth digit which determines the column. The meaning of the asterisk is as before.

EXAMPLES.

log 11.765 = 1.07059 log 1.7782 = 0.24998log 0.17783 = I.25001

If the first significant digit on the left is greater than 4, the mantissa for the first four digits must be found from the table in the way previously described, and an approximate allowance must be made for the fifth digit by adding on a proportional part (P.P.) of the difference between the tabulated mantissae next above and below the required mantissae. To find the value of the correction, subtract these two mantissae, and the difference will be found at the head of a small table in the column headed P.P. at the right-hand side of the page. In this small table, find the fifth digit of the number in the left-hand column, and opposite to it, in the right-hand column, is the amount to be added to the smaller of the two mantissae referred to. To facilitate the subtraction of the mantissae, the column headed D. gives the difference between the last value on one line and the first on the next line.

EXAMPLES.

log 40.593 = 1.60845 log 5.3797 = 0.73076 log 669.44 = 2.82571 log 7766.8 = 3.89024 log 89132 = 4.95003

If the number contains more than five digits, a further allowance might be made in a similar way; but, speaking generally, if such accurate numbers are to be used, five figure logs are scarcely adequate.

II.—COLOGS.

The colog of a number is the remainder after subtracting its log from zero, the mantissa being made positive. It is therefore the log of the reciprocal of the number, for:—

$$\log \frac{1}{N} = \log 1 - \log N = 0 - \log N.$$
$$\log \frac{1}{N} = \operatorname{colog} N = -\log N.$$

Cologs have no properties different from those of logs, but they enable division to be carried out by addition, since the addition of a colog is the same as the subtraction of a log.

The table is used in almost the same way as the log table, with two exceptions. One exception is that the proportional parts must be subtracted from the greater of the two mantissae between which the required mantissa lies. This is due to the fact that the cologs decrease as the numbers increase. A note at the foot of every page removes all uncertainty as to whether the proportional parts are to be added or subtracted. The other exception is the value of the characteristic. The following rules can easily be verified:—

If the number is unity or 10 raised to any positive integral index, the characteristic is negative, and is one less than the number of digits.

If the number is 10 raised to any negative integral index, the characteristic is positive, and is one more than the number of ciphers between the decimal point and the significant unit.

If the number is less than unity, but not an integral power of 10, the characteristic is positive, and is equal to the number of ciphers between the decimal point and the first significant digit.

If the number is greater than unity, but not an integral power of 10, the characteristic is negative, and is equal to the number of digits to the left of the decimal point.

EXAMPLES.

colog 0.0001	=4.00000	colog	1.48	$= \overline{1} \cdot 82974$
colog 0.001	=3.00000	colog	10.2	$=\overline{2}\cdot99140$
colog 0.01	=2.00000	colog	0.1776	=0.75056
colog 0·1	=1.00000	colog	1978.4	$=\overline{4}\cdot70369$
colog 1.0	=0.00000	colog	0.0021877	=2.66001
colog 10.0	$= \overline{1} \cdot 000000$	colog	0.021878	=1.65999
colog 100.0	$= \overline{2} \cdot 00000$	colog	523.6	$= \overline{3} \cdot 28100$
colog 1000-0	$=\overline{3}\cdot00000$	colog	75.85	$=\overline{2}\cdot12004$
		colog	7.5856	$=\overline{1}\cdot 12001$
&c.		colog	0.7586	= 0.11999

III.-ILLOGS.

The illog of a number is another number of which the given number is the log. Thus, if $A = \log B$, then B = illog A.

The table of illogs is used for finding results, as it will be remembered that the sum of the logs of two numbers, for example, is not the product of the two numbers, but the log of the product. The required product will therefore be the illog of the sum of the two logs. This table is used in almost the same way as the preceding tables, with the very important difference that the mantissa alone is to be used for entering the table, and the characteristic is only to be used to fix the position of the decimal point, the rules for which are the same as for logs. As stated on each page of this table, the proportional parts are to be added.

EXAMPLES.

```
\begin{array}{ll} \text{illog } 2.09243 = 123.717 \\ \text{illog } \overline{1}.27541 = & 0.188542 \\ \text{illog } 0.38076 = & 2.40304 \\ \text{illog } 1.77862 = & 60.0648 \\ \end{array}
```

It has been shown above that the four arithmetical processes of multiplication, division, involution, and evolution can be simplified by the use of logs. It is more convenient, however, to use logs and cologs for division; and other functions, yet to be described, for involution and evolution.

Some examples of multiplication and division are given below:-

```
To multiply 1.6732 by 42.363,
```

$$\begin{array}{c} \log 1.6732 = 0.22355 \\ \log 42.363 = \underline{1.62699} \\ \text{illog } 1.85054 = 70.8827 \end{array}$$

To multiply 964 by 0.003276, 9644
$$\log \frac{967}{967} = 2.98408$$

$$\log 0.003276 = \overline{3.51534}$$

$$\mathrm{illog} \ \overline{0.49942} = 3.15806$$

To divide 90.752 by 6.1251,

$$\begin{array}{c} \log 90.752 = 1.95786 \\ \operatorname{colog} \ 6.1251 = \overline{1.21288} \\ \operatorname{illog} \ \overline{1.17074} = 14.8163 \end{array}$$

To divide 232.46 by 4673.4,

 $\begin{array}{c} \log 232 \cdot 46 = 2 \cdot 36635 \\ \operatorname{colog} 4673 \cdot 4 = \overline{4} \cdot 33036 \\ \operatorname{illog} \overline{2} \cdot 69671 = 0 \cdot 0497405 \end{array}$

To divide 3.942 by 0.00762,

 $\begin{array}{c} \log 3.942 = 0.59572 \\ \operatorname{colog} 0.00762 = 2.11805 \\ \operatorname{illog} 2.71377 = 517.333 \end{array}$

To evaluate $\frac{1.6732 \times 42.363 \times 964 \times 0.003276}{6.1251 \times 4673.4 \times 0.00762}$

 $\begin{array}{rll} \log 1.6732 & = 0.22355 \\ \log 42.363 & = 1.66699 \\ \log 964 & = 2.98408 \\ \log 0.003276 = \overline{3}.51534 \\ \operatorname{colog} 6.1251 & = \overline{1}.21288 \\ \operatorname{colog} 4673.4 & = \overline{4}.33036 \\ \operatorname{colog} 0.00762 & = 2.11805 \\ \end{array}$

illog 0.01126 = 1.02624

IV.-LOLOGS AND ILLOLOGS.

If it is required to evaluate Cⁿ, it has been shown above that

$$\log (C^n) = n \times \log C$$
.

If n is a simple number, it is not very troublesome to multiply the value of $\log C$ taken rom the tables by n; but if, as often happens, n is a number of several digits, it will be nore economical of time to carry out the multiplication by means of logs. Taking $\log n$ once more:—

$$\log \{\log (\mathbb{C}^n)\} = \log n + \log (\log \mathbb{C}).$$

The log of the log of a number is called its lolog, so that the above relation may be written thus:—

$$\log (C^n) = \log n + \log C$$
.

If it is required to evaluate $\sqrt[n]{C}$, it has been shown that

$$\log \sqrt[n]{\overline{C}} = \frac{1}{n} \times \log C$$
.

Taking logs once more :-

or

$$\log (\log \sqrt[n]{C}) = \operatorname{colog} n + \log (\log C),$$
$$\operatorname{lolog} (\sqrt[n]{C}) = \operatorname{colog} n + \operatorname{lolog} C.$$

By such procedure, the processes of involution and evolution are reduced to addition, but two separate references to the tables are required for each lolog. Much time can be saved by using a table which gives the log of the log of a number directly, also by using a table which gives the illog of the illog of a number directly. These tables are called lolog and illolog tables respectively.

The illolog of a number is the number of which the given number is the lolog. Thus, if A = lolog C, then C = illolog A.

It is helpful to remember that:-

- (1) The illog of the log or a number is one number itself.
- (2) The illolog of the lolog of a number is the number itself.
- (3) The illog of the lolog of a number is the log of the number.

```
This will be less obscure if represented in symbols:—

If 10^{A}=B, and 10^{B}=C, then C=10^{10^{A}}.

Now \log B=A or B=illog A,
and \log C=B or C=illog B,
therefore A=\log B=illolog C,
or C=illog B=illolog A.
```

For the reason previously stated, the mantissae only are given in ordinary log tables, the characteristic being supplied by inspection. For the same reason, a table of illogs is entered with the mantissa only; the characteristic merely determines the position of the decimal point. This simplicity is not possible in a table of lologs, as their mantissae depend on the position of the decimal point as well as on the actual digits. It follows, therefore, that a table of lologs must give the characteristics as well as the mantissae; and a table of illologs must be entered with both characteristic and mantissa.

From this simple explanation, it might be inferred that any one accustomed to the use of ordinary logs might forthwith proceed to use a table of lologs for calculations requiring involution and evolution; but there is one difficulty which causes considerable trouble and confusion until it is appreciated and allowed for. The difficulty in question arises from the fact that the logs of numbers less than unity are negative; consequently it is necessary to provide logs of negative numbers if the lolog table is to be complete. In the true sense of the term, a negative number cannot have a log; but, fortunately, no difficulty need arise on this account, as the sign is an external feature which does not affect the numerical part, and it can be dealt with separately. This may be made clearer, perhaps, by pointing out that the numerical value of the product of each of the four following pairs of factors is the same:—

$$+2 \times +3 = +6$$

 $+2 \times -3 = -6$
 $-2 \times -3 = +6$
 $-2 \times +3 = -6$

It is clear that the product in each of the above cases could be found by adding log 2 to log 3, if the sign of the result were separately determined.

```
Let it be required to evaluate (4.0)1-2 by ordinary logs. Then:

log 4.0 = 0.60206
```

This has to be multiplied by 1.2, so that

 $\log (4.0)^{1.9} \approx 1.2 \times 0.60206$

Again, $\log 1.2 = 0.07918$ $\log 0.60206 = 1.77964$

illog 1-85882 = 0-72247

Then $\log (4\cdot 0)^{1/2} \approx 0.72247$ therefore $(4\cdot 0)^{1/2} \approx 5.27801$

Now, let it be required to evaluate (0.4)12 by ordinary logs. We should proceed thus:—

This must now be multiplied by 1.2, which cannot be done in the ordinary way, owing to the fact that part of the number is negative, and part of it positive. The most convenient way of carrying out this multiplication is to subtract the mantissa from the characteristic, which leaves a purely negative number that can be multiplied by 1.2 in the ordinary way. Thus we have:—

$$\log 0.4 = 1.60206 = -0.30794$$

We now require the product $1.2 \times (-0.39794)$ Disregarding the sign, we have:—

$$\begin{array}{c} \log 1.2 &= 0.07918 \\ \log 0.39794 = \overline{1.59987} \\ \text{illog } \overline{1.67900} = 0.47753 \end{array}$$

We know that this is negative, so that

$$\log (0.4)^{1.2} = -0.47753$$

The mantissa must now be made positive by adding 1 to it, which must be counter-balanced by subtracting 1 from the characteristic, then:—

 $\log (0.4)^{1.2} = \overline{1}.52247$ $illog \overline{1}.52247 = 0.33302$ $(0.4)^{1.2} = 0.33302$

Therefore

It will be seen that there is an important difference of procedure in these two examples. In the first example, the number to be involved is greater than unity. The result of this is that its log is positive, and consequently the product, after multiplying by 1.2, is positive also, so that the last mantissa is positive without the addition and subtraction of unity. In the second example, the number to be involved is less than unity. The result of this is that its log has a negative characteristic, which means that the log as a whole is negative. The product, after multiplying by 1.2, is therefore negative, so that addition and subtraction of unity are necessary before the number corresponding to the last log can be looked out in tables.

From these two simple examples it will be seen that a certain amount of care is necessary to remember whether the logs are positive or negative. If the number to be involved is greater than unity, it is improbable that a mistake will be made; but if it is loss than unity, experience shows that one is very liable to get confused. In the tables, the need for this care is entirely obviated by printing the lologs of numbers less than unity in red; whilst those of numbers greater than unity are printed in black. The red values are added and subtracted in the usual way, no notice being taken of the sign or colour until the result is being looked out, when, if a red lolog has been used, the result will be the illolog of a red number.

With a little care it would be possible to remember whether the illolog of a red or black number was required; but most people will probably find it safer to use some visible reminder. If red ink is available, undoubtedly the simplest and safest thing to do is to write down red lologs in red ink, also the result after adding a log or a colog to a red lolog. Logs and cologs are, of course, always black.

The rules for involution and evolution may now be stated :-

To raise a number to the n^{th} power, add the log of n to the lolog of the number, and the illolog of this sum is the desired result. The sum is the same colour as the original lolog.

To extract the nth root of a number, add the colog of n to the lolog of the number, and the illolog of this sum is the desired result. The sum is the same colour as the original lolog.

The relation which exists between two lologs which are equal in magnitude, but of different colour, can be usefully employed. The easiest way to explain it is by considering an example, for which purpose a pair of reciprocal numbers is selected:—

$$\log 4 = 0.60206 = +0.60206$$
$$\log 0.25 = \overline{1}.39794 = -0.60206$$

These two numbers, obviously, will have the same lolog, namely—I.77964; but, whereas lolog 4 is printed in black, lolog 0.25 is printed in red.

This relation enables expressions of the form

$$\frac{1}{\overline{C^n}} = \left(\frac{1}{\overline{C}}\right)^n = C^{-n}$$

to be evaluated with no more labour than that necessary to evaluate C". The rule is :--

When performing a process of involution or evolution corresponding to a negative index, merely change the colour of the lolog, and then proceed exactly as for a positive index.

If the reader is accustomed to the use of log tables, or has followed the foregoing explanation, there is nothing further in the use of lologs and illologs or the arrangement of the tables that needs detailed description. It is, of course, impossible to understand and use lologs until one is accustomed to the use of logs.

The following examples should be carefully studied and verified from the tables. This is, perhaps, the most direct method of becoming familiar with the small points in

lolog 0-0036 == 0 33805 lolog 0-00646 == 0-34040

which these tables vary from the log tables :--

```
lolog 0.00817 = 0.31968
                               lolog 0.008643 =: 0 31 L37
                               lolog 0.009095 ... 0 30933
                               lolog 0.036
                                              m 0 15948
          .0817 -
                               lolog 0础片
                                              64 D 02664
                               lolog 0-9489 === 0 00052
                               lolog 0.36
                                              2 1 61 July
                               lolog 0.544
                                                 1.1.22.6
                                lolog 0-8353
                                                 0.89597
                               lolog 0-9276
                                                 2 51374
                                lolog 0-95943
                                                 21 15 120.
                                lolog 0-000035 5-4 to71
                                lalog 1-00044
                                                 4.28114
                                lolog 1-3956
                                              -1.16065
                                lolog 1-7862
                                                 1.40128
                                lolog 4-246
                                               -- 1.79795
                                lolog 42-46
                                               .~0.21165
                                lolog 424-6
                                               = 0.41962
                               illolog 3 96 34
                                                   0.9791
                               illolog 1 so a '
                                                   0.4500
                               illolog 2-96234 :
                                                   1.235
                               illolog 1-80512 -
                                                   4.350
                               illolog 0-30303
                                                102-15
                                illolog 0-31525 - 116-5
                               illolog 0.47204 = 922.8
                                   INVOLUTION.
To evaluate 4-1231-408
                             lolog 4-123 - 1-78903
                               log 1 406 ~ 0 14799
                                    illolog 1.93702 = 7.329
To evaluate 0.41231 40d
                            lolog 0.4123 = 1 -4.11
                              \log 1.406 = 0.14799
                                    illolog 1 /3721 == 0.2877
To evaluate 4.1230 1496.
                             lolog 4-123 = 1-78903
                               log 0-1406 = 1-14799
                                    illolog 2.93702 = 1.221
To evaluate 0.412301408.
                            lolog 0.4123 == 1 14533
                              \log 0.1406 = \overline{1}.14799
```

illolog : 7 ille 1 = 0.8828

EVOLUTION.

To evaluate $\sqrt[1:406]{4\cdot 123}$,

lolog
$$4.123 = \overline{1}.78903$$

colog $1.406 = \overline{1}.85201$
illolog $\overline{1}.64104 = 2.739$

To evaluate $\sqrt[1.406]{0.4123}$,

lolog
$$0.4123 = \overline{1.58522}$$

colog $1.406 = \overline{1.85201}$
illolog $\overline{1.43723} = 0.5325$

To evaluate $\sqrt[0.4061]{4.123}$,

lolog
$$4.123 = \overline{1.78903}$$

colog $0.4061 = \underline{0.39137}$
illolog $0.18040 = \underline{32.73}$

To evaluate $\sqrt[0.1406]{0.4123}$,

$$\begin{array}{c} \text{lolog } 0.4123 = 1.58522 \\ \text{colog } 0.1406 = \underline{0.85201} \\ \text{illolog } 0.43723 = \underline{0.0019} \end{array}$$

INVOLUTION AND EVOLUTION OF RECIPROCALS.

To evaluate $\frac{1}{4 \cdot 123^{1 \cdot 406}}$,

$$\begin{array}{c}
 \log \frac{1}{4 \cdot 123} = \overline{1} \cdot 78903 \\
 \log \frac{1 \cdot 406}{1 \cdot 93702} = \underline{0 \cdot 1365}
\end{array}$$

To evaluate $\frac{1}{0.4123^{1.406}}$,

$$\begin{array}{c} 1 \\ \text{lolog} \ \frac{1}{0.4123} = \overline{1}.58522 \\ \text{log} \ 1.406 \ = \underline{0.14799} \\ \text{illolog} \ \overline{1}.73321 = \underline{3.475} \end{array}$$

To evaluate $\sqrt[1.406]{\frac{1}{4 \cdot 123}}$,

$$\begin{array}{c} 1 \\ 1000 \\ \hline 1.4123 \\ \hline 1.78903 \\ \hline 1.406 \\ \hline 1.64104 \\ \hline 1$$

To evaluate $\sqrt[1.406]{\frac{1}{0.4123}}$,

lolog
$$\frac{1}{0.4123} = \overline{1.58522}$$

colog $1.406 = \overline{1.85201}$
illolog $\overline{1.43723} = \underline{1.878}$

MISCELLANEOUS PROBLEMS.

To evaluate 4.1231,185×0.9284

 $\begin{array}{lll} \mbox{lolog } 4 \cdot 123 & = \overline{1} \cdot 78903 \\ \mbox{log } 1 \cdot 406 & = 0 \cdot 14799 \\ \mbox{log } 0 \cdot 4061 = \overline{1} \cdot 60864 \\ \mbox{colog } 1 \cdot 135 & = \overline{1} \cdot 94500 \\ \mbox{colog } 0 \cdot 3284 = 0 \cdot 48360 \\ \mbox{illolog } \overline{1} \cdot 97426 = 8 \cdot 760 \end{array}$

To find C, knowing that $PV^n = C$, n being 1.135, and V = 0.5 when P = 115.

$$\begin{array}{c} \text{lolog } 0.5 = \overline{1}.47861 \\ \text{log } 1.135 = \underline{0.05500} \\ \text{illog } \overline{1}.53361 = \overline{1}.65834 \\ \text{log } 115 = \underline{2}.06070 \\ \text{illog } \overline{1}.71904 = \underline{52}.36 = \underline{C} \end{array}$$

To find P_2 , knowing that $P_1V_1^{\gamma} = P_2V_2^{\gamma}$, γ being 1.406, $P_1 = 120$, $V_1 = 0.4$, and $V_2 = 1.2$. Then $P_2 = P_1 \left(\frac{V_1}{V_2}\right)^{\gamma}$.

$$\begin{array}{c} \text{lolog } 0.4 &= \overline{1}.59982 \\ \text{log } 1.406 = \underline{0}.14799 \\ &\text{illog } \overline{1}.74781 = \overline{1}.44049 \\ \text{lolog } \frac{1}{1 \cdot 2} &= \overline{2}.89862 \\ \text{log } 1.406 = \underline{0}.14799 \\ &\text{illog } \overline{1}.04661 = \overline{1}.88867 \\ &\text{log } 120 = \underline{2}.07918 \\ &\text{illog } \overline{1}.40834 = \underline{25.61} = P_2 \end{array}$$
 (See note at head of pages 150-169.)

V.—HYPERBOLIC LOGS.

The logs mostly used are those calculated to the base 10. These are called Common or Briggian Logs. Occasionally, however, logs are required to the base e, e being a certain incommensurable number. Such logs are called Natural, Napierian, or Hyperbolic Logs. Tables of these logs are sometimes given in addition to the common logs; but, being so readily calculated by means of lologs, they have not been included in this book.

Let
$$10^{A}=B; \text{ then } A=\log_{10}B.$$
Let
$$e^{C}=B; \text{ then } C=\log_{e}B.$$
Again,
$$\log_{10}B=C\times\log_{10}e,$$

$$\therefore C=\frac{1}{\log_{10}e}\times\log_{10}B;$$
that is,
$$\log_{e}B=\frac{1}{\log_{10}e}\times\log_{10}B.$$

Log₁₀ e is commonly denoted by the symbol M. Its value will be found on page 320, together with its log, reciprocal, and colog.

The relation thus becomes

$$\log_e B = \frac{\log_{10} B}{M}$$

Taking logs :---

$$\log_{10} (\log_e B) = \operatorname{colog}_{10} M + \operatorname{lolog}_{10} B$$

The rule is therefore :-

To find the hyperbolic log of a number, add the lolog of the number to the colog of M, and the illog of the sum is the required log. If the lolog is black, the log is positive; if the lolog is red, the log is negative. In the latter case, the mantissa can be made positive if desired.

EXAMPLES.

To find the value of $\log_e 0.9164$, $\log_e 0.9164 = \overline{2}.57881$ $\log_e M = 0.36222$ $\log_e \overline{2}.94103 = -0.0873031 = \overline{1}.912697 = \log_e 0.9164$

To find the value of log. 1.6232,

$$\begin{array}{ll} \text{lolog } 1 \cdot 6232 = \overline{1} \cdot 32299 \\ \text{colog M} & = 0 \cdot 36222 \\ & \text{illog } \overline{1} \cdot 68521 = 0 \cdot 484406 = \log_{o} 1 \cdot 6232 \end{array}$$

To find the value of W, knowing that W=PV log. r, P being 120×144 , V=1.25, and r=3.

$$\begin{array}{l} \log 120 = 2 \cdot 07918 \\ \log 144 = 2 \cdot 15836 \\ \log 1 \cdot 25 = 0 \cdot 09691 \\ \operatorname{colog} M = 0 \cdot 36222 \\ \operatorname{lolog} 3 = \overline{1.67863} \\ \operatorname{illog} 4 \cdot 37330 = 23 \cdot 8897 = W \end{array}$$

To find the value of the ratio $\frac{T_1}{T_2} = e^{\mu\theta}$ when $\mu = 0.3$, and $\theta = 2.967$ radians (170 degrees).

$$\begin{array}{ll} \text{lolog } e &= \overline{1} \cdot 63778 \\ \text{log } 0 \cdot 3 &= \overline{1} \cdot 47712 \\ \text{log } 2 \cdot 967 = \underline{0 \cdot 47232} \\ \text{illolog } \overline{1} \cdot 58722 = 2 \cdot 435 = \frac{T_1}{T_2} \end{array}$$

VI.-TRIGONOMETRICAL FUNCTIONS.

The main table on pages 230-319 gives the value of the six ordinary functions at intervals of one minute, together with the differences divided by 60, so that interpolation for intermediate seconds can be made by multiplying the difference for one second by the number of seconds.

Owing to the relation which exists between a function and the corresponding 'co-' function of the complementary angle, the same table can be made to give both, without repetition, by the simple device of printing two arrangements of degrees and minutes on every page. For the 'co-' functions, the degrees are at the bottom and the minutes on the right-hand side of the page; for the other functions, the degrees are at the top and the minutes on the left-hand side of the page.

Owing to the rapid variation of the logs of sines and tangents of small angles, it is not sufficiently accurate to interpolate for seconds in the main table. For this reason the tables on pages 222-229 give the logs of sines at smaller intervals. From 0° to 1° the interval is one second, and from 1° to 3° the interval is ten seconds.

When interpolating, the difference for one second is to be multiplied by the number of seconds. The product will, in general, consist of an integer and a decimal fraction. The decimal fraction should be discarded after the multiplication, and the integer increased by unity if the discarded fraction exceeds 0.5.

Before making use of the trigonometrical tables, the information given on page 221 should be consulted.

LOGS OF NUMBERS

FROM

1 to 40,000

то

FIVE DECIMAL PLACES.

1 99

No.	Log.	No.	Log.	No.	Log.	No.	Log.	No.	Log.
0.5798	whe					- 30			,
0	- 00	20	1.80103	40	1.60206	60	1.77815	80	1-90309
1	0.00000	21	1.82222	41	1.61278	61	1.78888	MI	1-90849
2	0.30103	22	1.34242	42	1.62325	02	1.79229	83	1.01381
8	0.47712	28	1.80173	43	1.63347	63	1.79934	HR	1-9190H
4	0.60206	24	1.38021	44	1.64845	64	1-80618	84	1-99428
5	0.69897	25	1.89794	45	1-65321	63	1-81291	NS	1-92942
6	0.77815	26	1.41497	46	1.66276	GB	1-81954	RE	1 93450
7	0.84510	27	1.43136	47	1.67210	67	1.82607	317	1 Dayba
8	0.90809	28	1.44716	48	1-68124	68	1 Magh1	MH	1 经专业经
9	0.95424	20	1.46240	49	1.69020	69	1-BBBBB	*9	1 44444
10	1.00000	30	1.47712	50	1.69897	70	1-84510	90	1.93424
11	1.04139	31	1.49136	51	1.70757	71	1-85126	91	1.95904
12	1.07918	32	1.50515	52	1.71600	72	1.85733	1 112	1 96879
13	1.11394	88	1.51851	58	1.72428	73	1.86332	93	1.96848
14	1-14618	84	1.53148	64	1.73239	74	1-80923	94	1.97313
15	1.17609	3.5	1.54407	55	1.74036	75	1-K7506	95	1-97773
16	1.20412	86	1.55630	56	1.74819	76	1.88081	96	1.98227
17	1.28045	87	1.56820	57	1.75587	77	1-8×649	97	1 98677
18	1.25527	38	1.57978	58	1.76343	7 H	1.89209	9%	1-99123
19	1.27875	39	1.59106	59	1.77085	79	1.89763	99	1.99564

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1000	-00 000				017	022					4	
1	043					065					5	
2 3	087 130					108 152					4	
4	173					195					5	
5	217				234	238 281					5 4	
6 7	260 303				$\begin{array}{c} 277 \\ 320 \end{array}$	325					4	
8	346				363	368	372	376	381	385	4	
9	389	393	398	402	406	411	415	419	424	428	4	
1010	432			445 488	449 492	454 497				471 514	4	
$\frac{1}{2}$	475 518			531	535	540				557	4	
3	561			574	578	582				600	$ \hat{4} $	
4	604	608	612	617	621	625	629	634	638	642	5	
5 6	647	651 694		659 702	$\begin{array}{c} 664 \\ 706 \end{array}$	668 711			681 724	$\begin{array}{c} 685 \\ 728 \end{array}$	4	
7	689 732			745	749	753				771	4	
8	775			788	792	796				813	4	
9	817	822	826	830	834	839	843	847	852	856	4	
1020	860	864		873	877	881	886	890	894	898	5	
$egin{array}{c} 1 \ 2 \end{array}$	903 945	907 949		915 958	$\begin{array}{c} 920 \\ 962 \end{array}$	9 24 966	928 971	$932 \\ 975$	937 979	941 983	5	
3	988	992		*000					*022		4	,
4	·01 030	034	038	043	047	051	055	060	064	068	4	
5 6	072	077		085	089	094	098	102	106	111	4	
7	115 157	119 161		$\frac{127}{170}$	$\frac{132}{174}$	136 178	140 182	144 187	149 191	$\begin{array}{c} 153 \\ 195 \end{array}$	4 4	
8	199	204		212	216	220	225	229	233	$\frac{195}{237}$	5	
9	242	246	250	2 54	2 58	263	267	271	275	280	4	
1030	284	288		296	301	305	309	313	317	322	4	
1	326	330		339	343	347	351	355	360	364	4	
2 3	368 410	$\frac{372}{414}$		$\frac{381}{423}$	385 427	389 431	393 435	397 439	$\begin{array}{c} 402 \\ 444 \end{array}$	$\frac{406}{448}$	4	
4	452	456		465	469	473	477	481	486	490	4	
5	494	498		507	511	515	519	523	528	532	4	
6 7	536 578	540 582		549 590	55 3	557	561	565	569	574	4	ŀ
8	620	624	628	632	595` 636	599 641	603 645	$\begin{array}{c} 607 \\ 649 \end{array}$	611 653	616 657	4 5	ł
9	662	666	670	674	678	682	687	691	695	699	4	ł
1040	703	708	712	716	720	724	728	733	737	741	4	
1 2	745 787	749	753	758	762	766	770	774	778	783	4	
3	787 828	791 833	795 83 7	799 8 4 1	803 845	808 849	812	816	820	824	4	i
4	870	874	878	883	887	891	853 895	858 899	86 2 903	866 907	5	
5	912	916	920	924	928	932	937	941	945	949	4	1
6	953 995	957	961	966	970	974	978	982	986	991	4	ſ
8	·02 036	040	*003 044	*007 049	*011 053	*015 057			*028		4	ı
9	078	082	086	090	0 94	098	$\begin{array}{c} 061 \\ \textbf{102} \end{array}$	065 107	069 111	073 115	5 4	
1050	1 19	123	127	131	135	140	144	148	152	156	4	l
											- 1	ł

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1050 1 2 3 4	.02	119 160 202 243 284	123 164 206 247 288	127 169 210 251 292	131 178 214 255 296	135 177 218 259 301	140 181 222 263 305	144 185 226 268 309	148 189 230 272 313	152 193 235 276 317	156 197 239 280 321	4 5 4 4	
5 6 7 8 9		825 866 407 449 490	329 371 412 453 494	333 375 416 457 498	338 379 420 461 502	342 383 424 465 506	346 387 428 469 510	350 391 432 473 514	354 395 436 477 518	358 399 440 481 522	362 403 444 485 526	4 4 5 5	
1060 1 2 3 4		531 572 612 653 694	535 576 617 657 698	589 580 621 661 702	543 584 625 666 706	547 588 629 670 710	551 592 633 674 715	555 596 637 678 719	559 600 641 682 723	563 604 645 686 727	567 608 649 690 731	5 4 4 4	
5 6 7 8 9		735 776 816 857 898	739 780 821 861 902	748 784 825 865 906	747 788 829 869 910	751 792 833 873 914	755 796 837 877 918	759 800 841 882 922	763 804 845 886 926	768 808 849 890 980	772 812 853 894 934	4444	
1070 1 2 3 4	•08	938 979 019 060 100	942 983 924 964 104	946 987 028 068 109	951 991 032 072 118	955 995 086 076 117	959 999 040 080 121	963 *003 044 084 125	967 *007 048 088 129	971 4011 052 092 133	975 *015 056 096 137	4 4	
5 6 7 8 9		141 181 222 262 302	145 185 226 266 806	149 189 280 270 810	158 198 234 274 814	157 197 238 278 318	161 201 242 282 822	165 205 246 286 826	169 209 250 290 290	178 211 254 294 384	177 21 x 20 x 20 x 20 x	4 4 4 4	
1080 1 2 3 4		342 383 428 463 508	846 387 427 467 507	350 391 431 471 511	354 395 485 475 515	358 899 489 479 519	362 403 443 483 523	800 407 447 447 527	371 411 451 491 531	375 415 455 485 585	379 419 459 499 589	4	
5 6 7 8 9		548 588 628 668 708	547 587 627 667 707	551 591 631 671 711	555 595 635 675 715	559 599 639 679 719	563 603 643 683 723	567 607 647 687 727	871 611 651 691 781	676 618 688 698 788	579 619 609 609 789	*	
1090 1 2 3 4		743 782 822 862 902	747 786 826 866 906	751 790 830 870 910	755 794 884 874 914	759 798 888 878 918	763 802 842 882 922	767 806 846 886 926	771 810 850 890 930	775 814 854 894 933	778 818 838 838 937	* * * *	
5 6 7 8 9	-04	941 981 021 060 100	945 985 025 064 104	949 989 029 068 108	953 993 033 072 112	957 997 086 076 116	961 *001 040 080 120	965 *005 044 084 123	969 *009 048 088 127	973 +013 052 092 131	977 +017 056 096 135	4	
1100		189	148	147	151	155	159	163	167	171	175	4	
					Add .	Propor	tional)	Parts.					3

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1100	·04	139	143	147	151		159					4	
1		179	183				198					4	
2 3		218 258	$\frac{222}{261}$	$\frac{226}{265}$			238 277					4	ł
4		297	301	305		313	317					4	
5 6		336 376	340 379	344 383		$\begin{array}{c} 352 \\ 391 \end{array}$	356 395					4	
7		415	419	423		430	434					4	ĺ
8	!	454	458	462		470	474	477			489	4	ļ
9		493	497	501	505	509	513	517	521	. 524	528	4	
1110 1		532	536	540	544	548	552					4	1
2		571 610	$\begin{array}{c} 575 \\ 614 \end{array}$	$\begin{array}{c} 579 \\ 618 \end{array}$	583 622	587 626	591 630					3 4	
2 3		650	653	657	661	665	669					4	
4	(689	692	696	700	704	708	712	716	720	724	3	
5 6		727 766	731 770	$735 \\ 774$	739	743	747					3	
7		805	809	813	778 817	$\begin{array}{c} 782 \\ 821 \end{array}$	786 825					4	
8		844	848	852	856	860	864	867	871	875	879	4	
9	{	883	887	891	895	899	902	906	910	914	918	4	
1120 1		922 961	926 964	930 968	$933 \\ 972$	$937 \\ 976$	941					4	
2					*011	*015	980 *019				995 *034	4 4	
3	·05 (038	042	046	050	053	057	061	065	069	073	4	
4	. (077	080	084	088	092	096	100	104	108	111	4	
5 6		115 154	$\frac{119}{158}$	$\begin{array}{c} 123 \\ 162 \end{array}$	$\begin{array}{c} 127 \\ 165 \end{array}$	$\frac{131}{169}$	135 173	138				4	
7		192	196	200	204	208	212	177 216	181 219	185 223		3 4	
8 9		231	235	239	242	246	250	254	258	262		3	
		269	273	277	281	285	289	292	296	300	304	4	
1130 1		308	312	316	319	323	327	331	335	339	342	4	
2		346 385	350 388	$\frac{354}{392}$	358 396	$\begin{array}{c} 362 \\ 400 \end{array}$	365 404	369 408	$\frac{373}{411}$	$\frac{377}{415}$	381	4	
3	4	123	427	431	434	438	442	446	450	454	419 457	4	
4	, 4	161	465	469	473	477	480	484	488	492	496	4	
5 6		500 538	503	507	511	515	519	523	526	530	534	4	
7		576	$\begin{array}{c} 542 \\ 580 \end{array}$	$\begin{array}{c} 545 \\ 584 \end{array}$	549 588	$\begin{array}{c} 553 \\ 591 \end{array}$	557 595	561 599	565 603	568 607	572 610	4 4	
8	e	314	618	622	626	629	633	637	641	645	649	8	
9	6	352	656	660	664	668	671	675	679	683	687	8	
1140 1		390	694	698	702	706	710	713	717	721	725	4	l
2		729 767	$\begin{array}{c} 732 \\ 770 \end{array}$	736 774	$\begin{array}{c} 740 \\ 778 \end{array}$	$\begin{array}{c} 744 \\ 782 \end{array}$	748 786	751 789	755	759	763	4	1
3	8	305	808	812	816	820	824	827	793 831	797 835	801 839	4	ı
4	8	343	846	850	854	858	862	865	869	873	877	4]
5 6		881	884	888	892	896	900	903	907	911	915	3	ļ
7		918 956	922 960	$\begin{array}{c} 926 \\ 964 \end{array}$	930 968	934	937	941	945	949	958	3	i
. 8		994		*002		971 *009	975 *013	979 *017	983 *021	987 *024	990 *028	4 1	ľ
9	·06 ()32	036	040	043	047	051	055	058	062	066	4 4	
1150	10	70	074	97 7	081	085	089	092	096	100	104	4	ļ

				Add ,	Propos	rtional I	'eertu.					ô
	918	922	925	929	933	936	940	943	947	951	3	
	882	886	889	893	896	900	904	907	911	878 915	3	
	809 846	813 849	817 853	820 857	H24	828 864	881 867	835 871	838 875	842	4	
	737 773	740 777	744 780	748 784	751 788	755 791	759 795	762 799	766 803	769 806	4	
	664 700	668 704	671 708	675 711	679 715	682 719	686 722	690 726	693 730	697 783	3	
	628	631	635	629	642	646	649	653	657	660	4	
	591	595	ธยส	602	606	609	613	617	620	624	4	
	555	558	562	566	569	573	877	580	5K4	BBN	а	
	518	522	525	529	884	530	540	544	547	551	4	
	445	485	452 489	458 498	460 496	463 500	467 504	471 507	474 511	47 M 51 B	4 3	
	408	412	416	419	423	427	480	434	438	441		
	872	875	379	383	386	ano	394	397	401	405	а	
	335	330	848	346	350	354	867	361	363	non	4	
	298	802	306	309	313	317	820	334	REE	333	3	
	225 262	229 265	232 269	236 278	240 276	243 280	247 284	251 287	254 291	nan nan	4	
	188	192	106	199	203	207	210	214	218	221		
	* 0.1	100	100	Y (3.49	100	170	110	111	181			
	115 151	118 155	122 159	126 162	129 166	133 170	137	140 177	144	148 183	2	
	078	081	085	оно	092	opa	100	103	107	111	4	
.07	004	007	011	015 052	019 056	022 059	026 063	030	033	037 074	4	
	980 907	$\frac{984}{971}$	$987 \\ 974$	941 978	945 982	048 985	952 989	956 993	959 996	#88 000*	4	
	898	896	900	904	908	911	1115	919	922	926	4	
	856	859	863	867	871	874	878	882	888	889	4	
	819	822	826	880	833	837	841	845	848	852	4	
	781	785	789	798	796	800	804	807	811	815	4	
	$\begin{array}{c} 707 \\ 744 \end{array}$	711 748	752	$\frac{718}{755}$	722 759	726 763	729	733 770	737 774	741 778	3	
	670	674	677 715	180	685	688	692	696	700	703	4	
	688	686	640	644	648	651	655	659	662	666	4	
	595	599	603	606	610	614	618	621	625	629	4	
	558	562	565	569	578	577	580	584	688	592	8	
	$\frac{483}{521}$	$\frac{487}{521}$	491 528	$\frac{494}{532}$	498 636	502 539	506 548	$\begin{array}{c} 509 \\ 547 \end{array}$	513 551	517 554	4	
	446	450	453	457	461	465	468	472	476	479	4	
	408	412	416	420	423	427	431	490	438	442	*	
	371	375	378	382	386	890	893	397 435	401	405	3	
	$\frac{296}{333}$	300 337	303 341	$\frac{307}{345}$	$\frac{311}{848}$	$\begin{array}{c} 315 \\ 352 \end{array}$	356	322 860	326 368	367	4	
	258	262	266	269	273	277	281 318	285	288	292 330	4 3	
	221	2021	() بند شد	202	200	200	2.0	271	2017			
	$\frac{183}{221}$	$\begin{array}{c} 187 \\ 224 \end{array}$	$\frac{100}{228}$	$\frac{194}{232}$	$\frac{198}{236}$	$\begin{array}{c} 202 \\ 239 \end{array}$	$\frac{206}{243}$	$\frac{209}{247}$	$\frac{213}{251}$	$\frac{217}{254}$	4	
	145	149	153	157	160	164	168	172	175	179	4	
-06	$070 \\ 108$	$074 \\ 111$	$077 \\ 115$	081 119	$\begin{array}{c} 085 \\ 123 \end{array}$	089 126	$\begin{array}{c} 092 \\ 130 \end{array}$	096 184	$\frac{100}{138}$	104 141	4	

No.

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P.P.

D.

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1200	.07 918	922	925	929	933	936	940	943 980		951	3 3	
$egin{array}{c} 1 \\ 2 \end{array}$	954 990	$958 \\ 994$	962	965	969 *005	972 *009	976 *012		98 3 *019	987 *023	4	
3	08 027	030	034	037	041	045	048	052	055	059	4	1
4	063	066	070	073	077	081	084	088	091	095	4	
5 6	099	102	106	110	113	117	120	124	128 164	131	4	
7	135 171	$\frac{138}{174}$	$\frac{142}{178}$	146 182	149 185	153 189	$\frac{156}{192}$	160 196	200	$\frac{167}{203}$	4	
8	207	210	214	217	221	225	228	232	235	239	4	
9	243	246	250	253	257	261	264	26 8	271	275	4	
1210	279	282	286	289	293	296	300	304	307	311	3	
$egin{array}{c} 1 \ 2 \end{array}$	314 350	$\frac{318}{354}$	$\frac{322}{357}$	$\begin{array}{c} 325 \\ 361 \end{array}$	$\frac{329}{365}$	332 368	$\frac{336}{372}$	340 375	343 379	$\begin{array}{c} 347 \\ 382 \end{array}$	3 4	[
3	386	390	393	397	400	404	408	411	415	418	4	ł
4	422	425	429	433	436	440	443	447	450	454	4	
5	458	461	465	468	472	475	479	483	486	490	3	
6 7	493 529	497 533	500 536	504	508 543	511	515 550	518 554	522 558	$\begin{array}{c} 525 \\ 561 \end{array}$	4	
8	56 5	568	572	540 575	579	547 583	586	590	593	597	3	
9	600	604	607	611	615	618	622	625	629	632	4	
1220	636	640	643	647	650	654	657	661	664	668	4	
$egin{array}{c} 1 \\ 2 \end{array}$	672 707	$675 \\ 711$	$679 \\ 714$	$682 \\ 718$	$686 \\ 721$	689 725	$\frac{693}{728}$	696 732	700 736	704 739	3 4	
3	743	746	750	753	757	760	764	767	771	775	3	
4	778	782	785	789	792	796	799	803	807	810	4	
5	814	817	821	824	828	831	835	838	842	846	8	
6 7	849 884	853 888	856 892	860 895	863 899	867 902	8 70 906	874 909	$877 \\ 913$	881 916	8 4	•
8	920	923	927	930	934	938	941	945	948	952	3	
9	955	959	962	966	969	973	976	980	983	987	4	
1230	991	994		*001			*012			*022	4	
1 2	·09 026 061	$029 \\ 065$	033 068	$\begin{array}{c} 036 \\ 072 \end{array}$	040 075	043 079	$\begin{array}{c} 047 \\ 082 \end{array}$	050 086	054 089	058 093	3	
3	096	100	103	107	110	114	117	121	124	128	4	
4	132	135	139	1 42	146	149	153	156	160	163	4	
5 6	167	170	174	177	181	184	188	191	195	198	4	
7	202 237	$\frac{205}{240}$	$\begin{array}{c} 209 \\ 244 \end{array}$	$\frac{212}{248}$	$\frac{216}{251}$	219 255	223 258	226 262	230 265	233 269	4 8	
8	272	276	279	283	286	290	293	297	300	304	3	l
9	307	311	314	318	321	325	328	332	335	889	3	
1240	342	346	349	353	356	3 6 0	363	367	370	374	3	ŀ
. 1 2	377 412	381 416	384 419	388 423	391 4 2 6	895 430	398 433	402 437	405	409	8	j
3	447	451	454	458		465	468	437 472	440 475	444 479	8 8	
4	482	486	489	493	496	49 9	503	506	510	513	4	
5	517	520	524	527	531	534	538	541	545	548	4	
6 7	552 587	5 55 590	559 5 94	562	5 66	5 69	573	576	580	583	4	
8	621	625	628	597 632	601 6 35	6 04 63 9	608 642	61 1 6 46	614 649	618 658	3 3	l
9	656	660	663	667	670	674	677	681	684	688	3	
1250	691	694	698	701	705	708	712	715	719	722	4	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1250	·09 691	694	698	701	705	708	712	715	719	722	4	
1	726	729	733	736	740	743	747	750	753	757	3	
2	760	764	767	771	774	778	781	785	788	792	3	
8 4	795 830	79 9 833	802 8 37	806 840	809 844	812 847	816 851	$\frac{819}{854}$	823 85 7	$\begin{array}{c} 826 \\ 861 \end{array}$	3	
5	864	808	871	875	878	882	885	889	892	896	8	
6	800	902	906	000	913	910	920	923	927	930	4	
7 8	984 968	$\frac{987}{972}$	$\frac{940}{975}$	944 978	$\begin{array}{c} 947 \\ 982 \end{array}$	951 985	954 989	958 992	961 996	965 999	8	
9	10 003	008	009	013	016	020	028	027	080	084	8	
1260	037	041	044	047	051	054	058	061	065	068	4	
1 2	072 106	075 109	$\frac{078}{113}$	082 116	085 120	089 123	092 127	096 130	099 881	102 137	4 3	
8	140	144	147	151	154	158	101	104	108	171	4	
4	175	178	182	185	188	192	195	ខែម	202	206	3	
5	209	212	216	219	223	226	230	233	237	240	а	
6 7	243 278	$\frac{247}{281}$	250 285	254 288	257 291	201 205	264 298	26 7 302	271 305	274 809	8	
8	812	315	319	322	326	320	332	336	339	343	8	
9	846	058	853	356	860	808	867	370	374	377	3	
1270	880	884	387	301	394	397	401	404	408	411	4	
1 2	415 449	418 452	421 456	425 459	428	432 466	485 469	438 473	442	445	4	
8	488	486	490	408	496	500	503	507	510	614	3	
4	517	520	524	527	531	584	537	541	544	548	3	
5	551	554	558	561	565	568	571	575	578	582	3	
6	585 619	588 622	592 626	595 6 2 9	633	802 888	405 689	643	612 640	616 650	3	
7 8	658	686	660	668	667	670	678	077	680	684	3	
9	687	680	694	697	701	704	707	711	714	718	3	
1280	731 755	724 758	798 762	731	785	788 779	741	745	748	742	3	
1 2	789	792	796	765 799	768 802	806	778 809	779 K13	782 816	788 819	4	
8	828	820	829	833	836	840	843	846	850	福品用	4	
4	857	860	863	867	870	873	877	880	884	887	Ħ	
5 6	890 924	894 927	897 931	834 800	904 938	907 941	911 944	848 814	917 951	921	3	
7	958	961	965	968	971	975	978	981	988	PAG Mag	4	
8	992	995		+002	#005	*00H		+015		+022	3	
9	11 025	029	082	025	089	043	046	049	052	056	3	
1290	059 098	062 096	066	069	072	076	079	083	086	089	4	
2	126	180	099 133	103 136	106 140	109 148	113 146	116 150	120	123 156	4	
8	160	168	167	170	178	177	180	183	187	190	3	
4	198	197	200	203	207	210	214	217	220	224	3	
5	227	230	234	287	240	244	247	270	254	227	4	
6 7	261 294	264 297	267 801	271 304	274 307	277 311	28I 214	284 317	247 321	29 I 22 4	I I	
7 8	327	331	334	338	341	344	348	331	854	334	3	
9	361	864	868	871	874	378	381	384	388	391	3	
1800	394	398	401	404	408	411	414	418	421	424	4	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1300	·11 3		398	401	404	408	411	414	418	421	424	4	
1			431	434	438	441	444 478	448 481	451 484	454 488	458 491	3 3	
2 3	·4(464 498	468 501	471 504	474 508	511	514	518	521	524	4	
4			531	534	538	541	544	548	551	554	558	3	
5 6			564 598	568	571 604	574 608	578 611	581 614	584 618	588 621	$\begin{array}{c} 591 \\ 624 \end{array}$	3 4	
7			631	$\begin{array}{c} 601 \\ 634 \end{array}$	638	641	644	647	651	654	.657	4	
8	66	61	664	667	671	674	677	681	684	687	691	8	
9	69	94	697	701	704	707	711	714	717	720	724	3	
1310	72		730	734	737	740	744	747	750	754	757	8	
1 2	76 79		764 797	767 800	770 803	774 807	777 810	780 818	783 817	787 820	$\begin{array}{c} 790 \\ 823 \end{array}$	8 8	
3	82		830	833	836	840	843	846	850	853	856	4	
4	86		863	866	869	873	876	879	883	886	889	4	
5	88		896	899	902	906	909	912	916	919	922	4	
. 6	92 98		929 962	$932 \\ 965$	935 968	$\begin{array}{c} 939 \\ 972 \end{array}$	942 975	$\begin{array}{c} 945 \\ 978 \end{array}$	$949 \\ 982$	952 985	955 988	4 4	
8	99		995		*001		*008					8	
9	·12 02	24 (028	031	084	038	041	044	048	051	054	8	
1320 1	30 20		061 094	064	067	071	074	077	080	084 117	087	3	
2	12		126	$\begin{array}{c} 097 \\ 130 \end{array}$	$\frac{100}{133}$	$\begin{array}{c} 103 \\ 136 \end{array}$	107 140	$\frac{110}{143}$	113 146	149	$\frac{120}{158}$	8	
3	1.5	56	159	163	166	169	172	176	179	182	186	3	
4	18	39 :	192	195	199	20 2	205	208	212	215	218	4	
5 6	22		225 258	228 261	231	235	238	241	245	248	251	3	
7	28		290	294	264 297	$\begin{array}{c} 267 \\ 300 \end{array}$	271 303	$\begin{array}{c} 274 \\ 807 \end{array}$	277 310	281 818	284 317	3	
8	32	20	323	326	330	333	336	339	843	346	349	3	
9	38	52	356	359	362	306	369	372	375	879	882	8	
1330	38		388	392	395	398	401	405	408	411	415	3	
1 2	48		421 454	424 457	428 460	431 463	484 467	487 470	$\frac{441}{473}$	444 476	447 480	8	
3	48	33 4	486	490	493	496	499	503	500	509	512	4	
4	51	L6 I	519	522	52 5	52 9	53 2	585	538	542	545	8	
5 6	54		551	555	558	561	564	568	571	574	577	4	
7	58 61		584 616	587 6 2 0	590 623	594 6 26	597 629	600 688	608	607	610	8	
8	64		649	652	655	659	662	665	686 668	639 672	642 675	8	
9	67	78 (681	685	688	691	694	698	701	704	707	8	
1340	, 71		714	717	720	723	727	780	788	786	740	8	
1 2	74		746 778	749 782	753 785	756 788	759	762	766	769	772	8	
3	80		811	814	817	788 821	791 824	795 8 2 7	798 830	801 883	804 887	4 3	
4	84		848	846	850	858	856	859	868	866	869	3	
5 6	87		875	879	882	885	888	892	895	898	901	4	
7	9(98		908 940	$911 \\ 943$	$914 \\ 946$	917 950	921	924	927	980	934	8	
8	96		972	975	979	982	95 3 985	956 988	959 992	963 995	966 998	8	
9	·13 00		004	800	011	014	017	021	024	027	080	8	
1850	08	33 (087	040	048	046	049	053	056	059	062	4	

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No.	Quantini Physics Ph	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1350 1 2 3 4	·13	033 066 098 130 162	087 069 101 133 165	040 072 104 186 168	048 075 107 139 171	046 078 111 143 175	049 082 114 146 178	053 085 117 149 181	056 088 120 152 184	059 091 123 155 188	062 094 127 159 191	4 4 3 3 3	
5 6 7 8 9		194 226 258 290 822	197 229 261 293 325	200 232 264 296 328	204 286 268 300 832	207 239 271 303 335	210 242 274 306 338	213 245 277 309 341	216 248 280 312 344	220 252 284 316 348	223 255 287 319 351	3 3 3 3	
1860 1 2 3 4		354 386 418 450 481	357 389 421 453 485	360 392 424 456 488	363 895 427 459 491	367 399 480 462 494	370 402 434 466 497	373 405 487 460 501	376 408 440 472 504	879 411 443 475 507	383 415 440 478 510	3 4 3 3	
5 6 7 8 9		518 545 577 609 640	516 548 580 612 644	520 551 588 615 647	523 555 586 618 650	526 558 590 621 653	529 561 593 624 656	532 564 596 628 659	536 567 599 631 663	539 570 602 634 666	542 574 605 637 669	3 4 3 3	
1870 1 2 8 4		672 704 735 767 799	075 707 789 770 802	678 710 742 773 805	682 718 745 777 808	685 716 7 48 780 811	688 720 751 783 814	691 728 754 786 818	694 726 758 789 821	697 729 761 792 824	701 732 764 796 827	3 3 3 3 3	
5 6 7 8 9		830 862 893 925 956	833 865 897 928 960	837 868 900 931 968	840 871 908 934 966	843 874 906 938 969	846 878 909 941 972	849 881 912 944 975	852 884 915 947 978	856 887 919 950 982	859 890 922 953 985	3 3 3 3	
1880 1 2 8	-14	988 019 051 082 114	991 023 054 085 117	994 026 057 088 120	997 029 060 092 123	*000 032 063 095 126	*004 035 067 098 129	*007 038 070 101 132	*010 041 078 104 136	*013 045 076 107 189	*016 048 079 110 142	3 3 4 3	
5 6 7 8 9		145 176 208 289 270	148 179 211 242 278	151 183 214 245 276	154 186 217 248 280	158 189 220 251 283	161 192 223 265 286	164 195 226 258 289	167 198 230 261 292	170 201 233 264 295	173 205 236 267 298	3 3 3 3 3	٠
1890 1 2 3		301 333 364 395 426	305 336 367 398 429	308 339 370 401 438	311 342 378 404 486	314 345 876 408 439	817 848 880 411 442	820 851 883 414 445	323 355 886 417 448	326 358 389 420 451	330 361 392 423 454	3 3 3 3	
5 6 7 8 9		457 489 520 551 582	461 492 528 554 585	464 495 526 557 588	467 498 529 560 591	470 501 532 568 594	473 504 535 566 597		572	482 513 545 576 607	548 579	4 3 3 3 3	
1400		613	616	619	622	625	628	681	635	638	641	3	

	·14 613 644 675 706 737 768 799 860 891 922 953 983 ·15 014 045 076	1 616 647 678 709 740 771 802 863 863 894 925 987 017 048	619 650 681 712 743 774 805 836 866 897 928 959 959 900 020	622 658 684 715 746 777 808 839 870 900	625 656 687 718 749 780 811 842 873 903	628 659 690 721 752 783 814 845 876	6 631 662 693 724 755 786 817 848 879 910	696 727	8 638 669 700 731 761 792 854 885	9 641 672 708 784 765 785 886 887	D	P.P.
1 2 3 4 5 6 7 8 9 1410 1 2 2 3 8	644 675 706 787 768 799 829 860 891 922 953 983 983 •15 014 045	647 678 709 740 771 802 832 863 894 925 956 987 017	650 681 712 743 774 805 836 866 897 928 959 990	658 684 715 746 777 808 839 870 900	656 687 718 749 780 811 842 873 903	659 690 721 752 783 814 845 876	662 693 724 755 786 817 848 879	666 696 727 758 789 820 851	669 700 781 761 792 828 864	672 708 784 765 785 826 837	3 2 3 4 3 3	
1 2 3 4 5 6 7 8 9 1410 1 2 2 3 8	644 675 706 787 768 799 829 860 891 922 953 983 983 •15 014 045	647 678 709 740 771 802 832 863 894 925 956 987 017	650 681 712 743 774 805 836 866 897 928 959 990	658 684 715 746 777 808 839 870 900	656 687 718 749 780 811 842 873 903	659 690 721 752 783 814 845 876	662 693 724 755 786 817 848 879	666 696 727 758 789 820 851	669 700 781 761 792 828 864	672 703 734 765 795 826 837	222 432	
2 3 4 5 6 7 8 9	675 706 737 768 799 829 860 891 922 953 983 983 •15 014 045	709 740 771 802 832 863 894 925 956 987 017	681 712 743 774 805 836 866 897 928 959 990	684 715 746 777 808 839 870 900 931 962	687 718 749 780 811 842 873 903	690 721 752 783 814 845 876	698 724 755 786 817 848 879	727 758 789 820 831	781 761 792 828 884	784 765 795 826 837	8 4 8 8	
3 4 5 6 7 8 9 1410 1 2 3 8	706 737 768 799 829 860 891 922 953 983 983 •15 014 045	709 740 771 802 832 863 894 925 966 987 017	712 743 774 805 836 866 897 928 959 990	715 746 777 808 839 870 900 931 962	718 749 780 811 842 873 903	752 783 814 845 876	755 786 817 848 879	758 789 820 851	761 792 823 854	765 795 826 857	3 3 3	
4 5 6 7 8 9 1410 1 2 3	787 768 799 829 860 891 922 953 983 •15 014 045	740 771 802 832 863 894 925 966 987 017	743 774 805 836 866 897 928 950 990	746 777 808 839 870 900 931 962	780 811 842 873 903	783 814 845 876	786 817 848 879	789 820 851	792 828 864	795 826 857	4 3 3	
1410 1 2 3	799 829 860 891 922 953 953 983 •15 014 045	802 832 863 894 925 956 987 017	805 836 866 897 928 959 990	808 839 870 900 931 962	811 842 873 903	814 845 876	817 848 879	820 851	H23 H64	8 2 6 837	3 3	
1410 1 2 3	829 860 891 922 953 983 •15 014 045	832 863 894 925 956 987 017	836 866 897 928 959 990	839 870 900 931 962	842 873 903	845 876	848 879	851	HD4	857	3	
7 8 9 1410 1 2 3	860 891 922 953 983 •15 014 045	863 894 925 956 987 017	866 897 928 959 990	970 900 981 962	873 908	876	879					
9 1410 1 2 3	922 953 983 ·15 014 045	925 956 987 017	928 959 990	900 981 962	903			ററം			3	
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1 2 3	953 983 ·15 014 045	956 987 017	959 990	962	984		010					
1 2 3	983 ·15 014 045	$987 \\ 017$	990			937	940	948	947	950	11	
3	·15 014 045	017			965	968	971	974	977	1180	3	
	045		020	998	996		*002 033	anor BEO	039	*011 042	8	
		040		$\begin{array}{c} 028 \\ 054 \end{array}$	027 057	080 080	003	066	070	078	3	
4	076		051	004	Qu1	000						
б		079	082	085	088	091	094	097	100	103	3	
6	106	109	112	116	119	122	125	138	131	134	3	
7	137	140	143	146	149	152 188	155	158 189	161 192	165 195	3	
8 9	168	171	174	177	$\frac{180}{210}$	214	186 217	220	223	226	a	
8	198	201 、	204	207	210	# * *					l	
1420	229	232	285	288	241	244	247	250	253	256	a	
1	259	262	266	269	272	275	278	381	284	287	3	
2	290	293	296	299	802	805	808	311 342	314 345	317 348	3	
8 4	320 351	$\frac{324}{354}$	$\begin{array}{c} 327 \\ 357 \end{array}$	830 86 0	888 868	336 866	339 369	872	376	378	a	
5	381	385	888	891	394	897	400	403	406	409	а	
6	412	415	418	421	424	427	480	483	436	439		
7	442	445	448	452	455	458	461	464	467	470		
8	478	476	479	482	485	488	491	494	497	500		
9	503	506	509	512	515	518	521	954	528	ası	3	
1480	534	587	540	548	546	549	552	555	nan	861	н	
1	564	567	570	578	576	579	583	585	BRH	Aul	14	
2	594	597	600	608	606	609	612	616	610	agg	3 1	
8	625	628	681	634	637	640	643	646	649	652	2 1	
- 1	655	658	661	664	667	670	673	676	679	HM2	2	
5	685	688	691	694	697	700	708	706	709	712	3	
6	715	718	721	725,	728	781	784	737	740	743	3	
7	746	749	752	755	758	761	764	767	770	778	# 1	
8	776 806	779	782	785	788	791	704	797	800	коа	3	
		809	812	815	818	821	824	827	830	RER	4	
1440	836	889	842	845	848	851	854	857	860	ana	a	
1	866			875	878	881		887	891	H94	3	
3	897 927	900 980	908	906	909	912	915	918	931	924	3	
4	957	960	938 963	986 966	989 969	942 972	945 975	948 978	951 981	954 984	8	
										-	63	i
5 6	987	990	998	996	999	*002			*011		a	
7	·16 017 047	020 050	023 058	026	029	082	085	038	041	044	8	ı
8	077	080	08 8	056 086	059 089	062 092	065	880	071	074	3	1
9	107	110	113	116	119	122	095 125	098 128	101 131	104 184	3 3	
1450	187	140	148	146	149	152	155	158	161	184	3	

No.	0	1	2	3	4	5	6	7	8)).	P.P.
1450	·16 137	140	143	146	149	152	155	158	161	164	3	
1	167	170	173	176	179	182	185	188	191	194	3	
2	197	200	203	206	209	212	215	218	221	224	3	
8	227	230	233	236	239	242	244	247	250	253	3	
4	256	259	262	265	268	271	274	277	280	288	8	
5	286	289	292	295	298	301	304	307	310	313	3	
6	816	319	822	325	328	381	334	337	340	343	8	
7 8	846 876	849	352	355	358	361	364	367	370 400	373 403	8	
ŷ	406	879 409	$\frac{382}{411}$	385 414	388 417	391 420	394 423	397 426	429	432	3	
1460	485	488	441	444	447	450	458	456	459	462	3	
1	405	408	171	474	477	480	488	486	489	402	3	
2	495	498	501	504	507	510	513	516	518	621	8	
8	524	527	530	588	530	539	549	646	548	551	3	
4	554	557	560	563	500	569	572	575	678	581	3	
5	684	587	590	593	596	599	602	605	607	610	3	
6	613	616	619	622	625	628	631	634	637	640	8	
7	648	646	049	652	655	658	601	664	067	670	3	
8	673	670	679	681	084	087	690	693	090	aun	ä	
9	702	705	708	711	714	717	720	728	726	729	3	
1470	782	785	738	741	744	747	749	752	783	75H	3	
1 1	701	764	707	770	778	770	779	782	785	788	3	
2 3	791 820	794 828	797 826	800 829	808	800 888	H0H	811	814	817	3	
4	850	888	856	859	862 862	864	838 867	841 870	844 873	847 870	3	
5	879	882	885	888	891	894	897	900	903	pon	3	
6	909	912	915	917	920	923	926	929	932	uaa	13	
7	988	941	944	047	950	953	950	959	962	965	2	
8	967	970	978	976	979	983	URB	HRU	uui	994	3	
9	997	*000	*008	*006	+000	*011	+014	*017	+020	4023	3	
1480	17 026	029	032	035	088	041	044	047	050	oan	3	
1	050	058	001	064	067	070	073	076	079	OHS	. 3	
2	085	088	091	094	097	099	102	105	108	111	3	
8 4	114 148	117	120	128	126	129	132	135	138	140	23	
	140	146	149	153	155	158	101	164	167	170	. 3	
5 6	178	176	178	181	184	187	190	193	198	199	8	
6	202	205	308	211	214	216	219	222	禁禁品	걸걸용	ä	
7 8	281	234	237	240	348	246	349	252	334	337	3	
9	260	203	266	269	272	275	278	281	284	347	2	
	289	292	295	298	301	304	307	310	ala	316	, N	
1490	819	322	324 384	827	330	838	336	339	342	245	難	
2	348 377	851 880	354	357	359	362	365	#0#	371	374	3	
8	406	380 409	383 412	886 415	389 418	391 421	422 254	397 426	400	403	. 3	
4	485	438	441	444	447	450	482	455	458	461	3	
5	464	467	470	478	476	479	482	484	447	490	. 8	
6 7	498 522	496 828	499	502	505	508	511	513	516	Alg	. 3	
8	551	554	528 567	531 560	584 568	537 566	540	542	848	548	28	
9	580	583	586	589	592	595	569 598	571 600	574 608	577 606	3	
	0.00	400	n00	40 Ø	初發發	959	មេងម	BAA	uva	es (1) (3)	. 4	

No.	o	1	2	3	4	5	6	7	8	9	D,	P.P.
1500	·17 609	612	815			624						STORE ASSESSMENT
1	638					653		658		664	23	
2	667					681	$\frac{684}{713}$	687 716			12	
3 4	696 725	$\frac{699}{728}$				710 739		745			H	
5	754					768 797	771 800	774 803		780	#	
6 7	782 811	785 814		791 820	794 823	826	829	831	834	808 837	3	
8	840	843		849	852	855	857	860	NGS	Miliei	В	
9	869	872	875	878	880	888	886	ини	892	895	14	
1510	898	901	903	906	909	912	915	918	021	024	23	
1	926	929	982	935	988	941	944	917	11411	¥62	H	
2 3	955 984	958 987	961 990	964 993	967 995	970	979 100*	975 *004	978 *007	981 *010	68 68	
4	18 013	015	018	021	024	027	080	033	036	03%	:1	
5	041	044	047	050	053	050	058	001	064	(Hills	11	
6	070	078	076	079	081	084	087	090	133273	(3556)	11	
7 8	099 127	101 130	104	107	110	113	116	111	121	1314	3	
9	156	159	133 161	136 164	189 167	141 170	144 173	147	179	153	:1 :1	
1520	184	187	190	193	196	199	201	204	207	210	2	
1	213	216	219	221	224	227	230	233	224	339		
2 3	241 270	244	247	250	253	256	259	201	284	21.7	3 [1
4	270 298	273 3 01	$\begin{array}{c} 276 \\ 804 \end{array}$	279 307	281 810	813 818	287 316	318 290	aai	HU4 HUH	2 3	
5	327	380	333	886	888	341	844	347	250	HAN	2	
6	355	358	861	364	867	870	373	375	374	241	ä	
7 8	384 412	387 415	390 418	892	895	398	401	404	407	· 李 6.5 年3	a	
9	441	444	446	421 449	424 452	427 455	42H 43H	481	有规划 有进口	420 400	3	
1530	469	472	475	478	480	482	4 HG	489	4119	495	3	
1	498	500	508	506	509	512	818	117	Diffe	023	4	
2 3	526 554	529	582	584	537	540	548	841	信養別	551	a	
4	588	557 585	560 588	568 591	566 594	568 807	871	874	24 g	海外联	3	
5	611					597	600	602	605	#1 # # 94	а	
6	639	614 642	616 645	619 648	622 650	625	62K	631	61.13	Willel ,	2	- 1
7 8	667	670	678	676	679	GAS GRS	656 684	aau aa7	662	GGS	3	- 1
8	696	698	701	704	707	710	713	715	690 714	1521	Z	
9	724	727	780	782	785	738	741	744	746	749	3	
1540 1	752 7 80	755	758	761	768	766	769	772	775	7 m 27	3	1
2	808	78 3 811	786 814	789 817	792 820	794	797	800	Eur	98.1.8%	2	- 1
3	837	889	842	845	848	823 851	ara Bar	aca aca	11.0	4 % #	2	- 1
4	865	868	870	878	876	879	BHZ	838 884	nsy ng7	ng X ng K	3	
5 6	898	896	898	901	904	907	910	913	915	91 **	Total Control	1
7	921 949	924 952	927 955	929	982	935	gan	941	943	W 4 KG	3	- 1
8	977	980	988	957 986	960 988	963		969	971	W74	2	- 1
9	19 005	008	011	014	016	991 019	994 922	997 4 025		020	ä	1
1550	088	086	089	042	044	047	050	033		05#	3	l

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													1.1.
1550	.19	033	036	039	042	044	047	050	053	056	058	3	
$\frac{1}{2}$		061 089	$\begin{array}{c} 004 \\ 092 \end{array}$	$\begin{array}{c} 007 \\ 095 \end{array}$	$\begin{array}{c} 070 \\ 098 \end{array}$	$\begin{array}{c} 072 \\ 100 \end{array}$	$\begin{array}{c} 075 \\ 103 \end{array}$	$078 \\ 106$	$\begin{array}{c} 081 \\ 109 \end{array}$	$084 \\ 112$	086	3	
3		117	120	123	126	128	131	134	137	140	$\begin{array}{c} 114 \\ 142 \end{array}$	3 3	
4		145	148	151	153	156	159	162	1.65	167	170	3	
ß		173	176	179	181	184	187	190	193	195	198	3	
6 7		$\frac{201}{229}$	$\begin{array}{c} 204 \\ 232 \end{array}$	$\frac{207}{234}$	$\begin{array}{c} 209 \\ 237 \end{array}$	$\begin{array}{c} 212 \\ 240 \end{array}$	$\begin{array}{c} 215 \\ 243 \end{array}$	$\begin{array}{c} 218 \\ 246 \end{array}$	$\begin{array}{c} 220 \\ 248 \end{array}$	$\begin{array}{c} 223 \\ 251 \end{array}$	$\begin{array}{c} 226 \\ 254 \end{array}$	3 3	
8		257	260	202	265	268	271	273	276	279	282	3	
9		285	287	290	298	296	299	301	304	307	310	2	
1560		312	315	318	321	324	326	329	332	335	338	2	
1 2	1	340 368	348 371	$\frac{340}{374}$	$\frac{349}{376}$	$\begin{array}{c} 351 \\ 379 \end{array}$	$\begin{array}{c} 354 \\ 382 \end{array}$	$\frac{357}{385}$	360 388	363 390	365 393	3 3	
8		396	399	401	404	407	410	413	415	418	421	3	
4		424	426	429	432	435	438	440	443	446	449	2	
5		451	454	457	460	463	465	468	471	474	476	3	
6 7		$\frac{479}{507}$	482 510	$\frac{485}{512}$	487 515	490 518	$\begin{array}{c} 493 \\ 521 \end{array}$	$\begin{array}{c} 496 \\ 524 \end{array}$	$\frac{499}{526}$	$\begin{array}{c} 501 \\ 529 \end{array}$	504 532	3 3	
8	1	535	537	540	548	546	548	551	554	557	560	2	
9		562	565	804	571	573	576	579	582	584	587	3	
1570	1	590	593	595	598	601	604	607	609	612	615	3	
1 2		648 - 648	$\begin{array}{c} 620 \\ 648 \end{array}$	628 651	$\begin{array}{c} 626 \\ 654 \end{array}$	629 656	$\begin{array}{c} 631 \\ 659 \end{array}$	$\begin{array}{c} 684 \\ 662 \end{array}$	$\begin{array}{c} 687 \\ 665 \end{array}$	640 667	$\begin{array}{c} 642 \\ 670 \end{array}$	3 3	
8		678	676	078	681	084	687	689	692	695	698	2	
4		700	703	706	709	712	714	717	720	723	725	3	
5		728	731	734	736	739	742	745	747	750	753	3	
6 7		$\begin{array}{c} 750 \\ 783 \end{array}$	758 786	$\begin{array}{c} 761 \\ 789 \end{array}$	$\begin{array}{c} 764 \\ 791 \end{array}$	$\begin{array}{c} 767 \\ 794 \end{array}$	769 79 7	$\begin{array}{c} 772 \\ 800 \end{array}$	$\begin{array}{c} 775 \\ 802 \end{array}$	778 805	780 808	3 3	
8		811	818	816	819	822	824	827	880	833	835	3	
υ		888	841	844	846	849	852	855	857	860	863	3	
1580		866	808	871	874	877	879	882	885	888	890	8	
1 1		898 921	923 896	899 926	901 929	$\begin{array}{c} 904 \\ 932 \end{array}$	$\begin{array}{c} 907 \\ 934 \end{array}$	$\frac{910}{937}$	$\frac{912}{940}$	$915 \\ 943$	918 945	3	
3	ĺ	948	951	954	956	959	962	965	967	970	978	3	
4		976	97H	180	984	986	989	992	995	997	*000	3	
5	.20	008	006	800	011	014	017	019	022	025	028	2	
6		080	088	086 068	089 066	041 069	$044 \\ 071$	$047 \\ 074$	049 077	052 080	055 082	3	
7 8		880 880	080 880	091	098	096	ดัยชั	101	104	107	110	2	
9		112	115	118	121	123	126	129	182	134	137	3	
1590		140	142	145	148	151	158	156	159	162	164	3	
1				172 200	175 202	178 205	181 208	183 211	$\begin{array}{c} 186 \\ 213 \end{array}$	189 21 6	192 219	3	
8		194 222	$\begin{array}{c} 197 \\ 224 \end{array}$	227	230	232	235	238	241	243	246	3	
4		249	252	254	257	260	262	265	268	271	273	3	ļ
5		270	279	282	284	287	290	292	295	298	301	2	
6		808	306	309	311	314	317 344	320 347	322 350	325 352	328 355	3	
8		330 358	288 260	386 363	339 366	341 369	371	874	377	379	382	3	
9		385	888	390	393	896	398	401	404	407	409	3	
1600		412	415	417	420	428	426	428	481	484	436	3	
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1600	·20 412	415	417	420	428	426	428	431	484	486	8	entitémentagerous.
1	439	442	445	447	450 -		455			464	2	
2 3	466		472 499	474 501	$\begin{array}{c} 477 \\ 504 \end{array}$	480 507	483 510	485 512		491 518	2 2	
4	520		52 6	529	531	534	537	539		545	3	
5	548	550	553	556	558	561	564	566 593	569 596	672 600	. 8	
6 7	575 602	$\begin{array}{c} 577 \\ 604 \end{array}$	580 607	583 610	$\begin{array}{c} 585 \\ 612 \end{array}$	588 615	591 618	621	623	626 626	8 8	
8	629	631	834	637	639	642	645	648		653	18	1
9	656	658	661	664	666	669	672	674	677	680	1 8	
1610	683	685	688	691	698	696	699	701	704	707	. 3	
1	710	712	715	718	720	723	726	728	731	734	1 8	
2 3	737 763	739 766	$\frac{742}{769}$	$\frac{745}{772}$	$\begin{array}{c} 747 \\ 774 \end{array}$	750 777	753 780	755 782	758 785	781 788	2	
4	790	793	796	798	801	804	808	809	812	815	2	
5	817	820	823	825	828	831	833	886	889	841	a	
6 7	844 871	847 874	850 876	852 879	855 882	858	860	888 888	866	RIB	1 8	
8	898	901	908	906	909	884 911	887 914	917	818 883	896 022	8 8	
9	925	927	930	933	935	988	941	943	946	949	8	
1620	952	954	957	960	962	965	968	970	978	976	2	
1 2	978 • 21 005	981 008	984 010	986 013	989 016	992 018	994 021	997 024	#000		- 8	
8	032	035	087	040	048	045	048	051	026 053	029 056	8	
4	059	061	064	067	069	072	075	077	040	083	3	
5	085	088	091	098	096	099	101	104	107	109	3	
7	112 139	115 141	117 144	120 147	$\frac{128}{149}$	125 152	128 155	131 157	133 160	136 163	3	
8	165	168	171	173	176	179	181	184	187	189	8	
9	192	195	197	200	203	205	208	211	313	216	3	
1680	219	221	224	227	229	232	285	237		243	9	
2	245 272	$\frac{248}{275}$	$\frac{251}{277}$	253 280	256 283	259 285	261 288	264	207	269	3	
3	209	801	804	307	809	812	315	291 817	293 220	296 298	23	
4	325	328	881	888	886	888	841	844	846	349	13	
5 6	852	354	857	860	362	865	868	370	878	376	2	
7	37 8 405	381 408	384 410	886 418	389 415	892	394	897	400	402	\$	
8	431	484	487	489	442	418 445	421 447	423 450	426 453	439 455	2 3	
9	458	461	468	466	468	471	474	476	479	482	2	
1640	484	487	490	492	495	498	500	508	506	808	3	
2	511 537	514 540	516 548	519 545	521 548	524	527	529	533	585	2	
8	564	566	569	572	574	551 577	558 580	556 582	558 585	561 588	3 2	
4	590	593	595	598	601	808	606	609	611	614	3	İ
5 6	617	619	622	625	627	680	632	635	688	640	3	l
7	648 669	646 672	$648 \\ 675$	651	654	656	659	661	664	667	2	1
8	696	698	701	677 704	680 70 6	683 709	685 712	688	690	693	3	i
9	722	725	727	780	788	785	738	714 740	717 743	719	3 2	
1650	74 8	751	754	756	759	762	764	767	769	772	8	

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		0	1	2	3	4	5	6	7	8	9	D.	P.P.
	-21	748	751	754	756	759	762	764	767	769	772	3	
		775	777	780	788	785	788	790	793	796	798	8	
		801 827	804 830	806 833	809 835	812 838	814 840	817 843	$819 \\ 846$	822 848	825 851	2 3	
		854	856	859	861	864	867	809	872	875	877	3	
		880	882	885	888	890	893	896	898	901	903	3	
		906	909	911	914	917	919	922	924	927	930	2	[]
		$\frac{932}{958}$	935	$\begin{array}{c} 937 \\ 964 \end{array}$	940 966	948	945	$948 \\ 974$	$951 \\ 977$	$\frac{953}{979}$	956 982	3	}
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	.22	011	013	016	019	021	024	027	029	032	034	3	
		037	040	042	045	047	050	053	055	058	000	3	
ļ		063	000	068	071	074	076	079	081	084	087	2	
		089	092	094	097	100	102	105	108	110	118	23	
		115	118	121	123	126	128	131	134	136	139	2	
- 1		141	144	147	149	152	154	157	160	162	165	2	
		167	170	173	175	178	181	183	186	188	191	3	
		$\frac{194}{220}$	$\frac{100}{222}$	$\frac{199}{225}$	201 227	204 230	207 233	209 285	212 238	214 240	217	3	
		246	248	251	253	256	259	261	204	266	269	3	
		272	274	277	279	282	285	287	290	292	205	8	
į		298	300	303	305	808	811	818	316	818	321	8	
		324	826	329	331	334	337	339	342	344	347	8	
		850 876	352 878	355 381	357 383	860 886	808 889	365 391	394 368	370 396	373 399	3	
١		401	404	407	409	412	414	417	420	422	425	2	
		427	480	488	435	488	440	448	446	448	451	**	
Ì		458	456	458	461	404	466	400	471	474	477	3	
		479	482	484	487	490	492	495	497	500	803	3	
		505	508	510	518	515	518	521	523	525	328	3	
1		581	584	536	589	541	544	546	549	552	554	3	
		557	559	562	565	507	570	572	575	577	580	3	ı
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		660	668	665	668	670	673	675	678	681	688	а	I
-		686	688	691	698	696	699	701	704	706	709	3	i
-		712	714	717	719	722	724	727	730	782	785	3	1
		787 768	740 766	742 768	745 771	748 773	750 7 76	753 778	755 781	788 784	760 786	3	
		789	791	794	796	799	802	804	807	809	812		
		814		819		825	827				H87	3	1
		840	848	845	848	850	858	888	858	861	REB	3	1
1		866	868	871	878	876	879	881	884	886	HHY	. 2	1
		891	894	896	899	902	904	907	808	912	914	3 34	
-		917	920	922	925	927	980	982	935	987	940	3	
į		948	945	948	950	958	955	958	961	963	988	2	
		968 994	971 996	973	976	978	981	984	986	888	991	3	
	-23	019	996 022	024	*001 027	*004 030	*007 032	*009 035	+013 037	*014 040	*017 042	2	
		045	047	050	058	055	058	060	068	065	068	2	

No.	0	1	2	3	4	5	6	7	8	9	D	P.P.	-
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3	121	124	127	129	132	134	137	130			8		
4	147	150	152	155	157	160	162	165	167	170	12		
5 6	172	175	178	180	188	185	188	190			3		ı
7	198 223	$\frac{200}{226}$	$\frac{203}{228}$	$\frac{206}{231}$	$\frac{208}{234}$	211 236	213 239	216 241	218 244		3		1
8	249	251	254	256	259	261	264	267	269	272	13		ı
9	274	277	279	282	284	287	289	202	205	297	8		I
1710	300	302	305	807	310	812	315	317	320		3	}	ı
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3	876	378	381	383	886	888	891	898	396	899	2		1
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5	426	429	481	484	437	489	442	444	447	440	3		I
6 7	452 477	454 480	457 482	459 485	462 487	464 490	467 492	469 495	472 497	475 600	2		ı
8	502	505	507	510	512	515	517	520	aut	aga	3		l
9	528	580	533	585	538	540	548	545	54H	abu	8		l
1720	558	555	558	560	563	565	568	571	678	676	2		l
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8	629	631	634	686	689	641	644	040	049	168	3		ı
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7	704 7 2 9	$\begin{array}{c} 707 \\ 782 \end{array}$	709 734	$\begin{array}{c} 712 \\ 737 \end{array}$	714 789	717 742	719 744	723	724	1 25 1	2		l
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2	830 855	832 857	885 860	887 862	840 865	842 867	845 870	847	HAO	Mary II	H		
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1740	055	057	060	062	065	067	070	072	078	077	3		
1 2	080 105	082 107	085 110	087	090	092	095	097	100	102	8		ĺ
8	180	132	135	112 137	115 140	$\begin{array}{c} 117 \\ 142 \end{array}$	120 145	122 147	125 150	127	3		
4	155	157	160	162	165	167	170	172	175	152	3		
5	180	182	185	187	189	192	194	197	199	303	2		
6 7	204 229	207 282	209	212	214	217	219	222	224	227	11	ı	
8	254	257	234 259	287 262	289 264	242 267	244 269	247	249	252	2	1	
9	279	281	284	286	289	291	209	272 296	274 299	376 301	3	1	
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1		329	331	334	336	339	341	343	346	348	351	2	
2	1	353	356	358	861	363	866	368	371	373	376	2 3	
8 4		$\begin{array}{c} 378 \\ 403 \end{array}$	381 405	$\begin{array}{c} 383 \\ 408 \end{array}$	$\begin{array}{c} 386 \\ 410 \end{array}$	$\frac{388}{413}$	891 415	$\frac{393}{418}$	$\frac{396}{420}$	398 423	$\frac{400}{425}$	8	
5		428	430	433	435	438	440	443	445	448	450	2	
6		452	455	457	460	462 487	465 490	$-467 \\ -492$	$-470 \\ -494$	$\frac{472}{497}$	$\frac{475}{499}$	3	
7 8	1	477 502	480 504	482 507	485 509	612	514	517	519	622	524	8	
9		527	520	532	534	586	539	641	544	546	549	2	
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1. 2	1	$\begin{array}{c} 576 \\ 601 \end{array}$	578 603	581 606	683 608	686 610	618	$\begin{array}{c} 591 \\ 615 \end{array}$	820 810	596 620	598 628	3 2	
8		625	628	630	633	085	638	040	642	645	647	3	
4		050	652	866	667	060	662	665	667	670	672	3	
5		674	677	679	682	084	687 711	$\frac{689}{714}$	692 716	$694 \\ 719$	$\frac{697}{721}$	2 3	
6 7		$\begin{array}{c} 099 \\ 724 \end{array}$	702 - 726	$704 \\ 720$	700 - 731	$\frac{709}{733}$	786	738	741	743	740	2	
8		748	751	768	750	75H	761	768	705	768	770	8	
9		773	775	778	780	783	785	78H	790	792	795	2	
70		797	800	802	805	807	810	812	814	817	819	8	
1		822	824	827	829	832 856	884 859	837 861	839 864	841 866	844 808	3	
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4		895	898	900	903	905	рон	910	912	915	917	8	
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6		944	947	949	952 976	954 979	957	959 988	180 880	964 988	966 991	8 2	
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6		188	191 215	193	195 220	1 (1 M (1 (1 (1)	200 225	203 227	205 229	H052	210 234	2 3	
7 H		212	230	217	244	246	241	251	11.4	256	259	2	
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4		382	885	387	340	302	394	201	399	402	404		
5		406	409	411	414	416	419	421	423	426	42%		
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7 8		455	457 481	460	462 486	464	467 491	469 493	472 496	474	477 501	2	
9		508	506	508	310	313	AIA	MIR	520	522	ana	3	
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ineral Paparata	(1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	-	The state of the state of the		4.2.2	£2	rtinunt	21			·	olius Transjä	17

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1	551 575	554 578	556 580	559 583	561 585	563 588	566 590	592	595	597	3	l
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4	624		628	631	683	686	638	641	648	045	8	
5	648	650	653	655	657	660	662	665	667	669	3	
6	672	674	677	679	681	684	686 710	689 713	691 715	693 717	3	
7 8	696 720	698 722	701 725	703 727	705 720	708 782	784	787	789	741	3	
9	744		749	751	758	756	758	761	763	765	3	
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1	792 816	794 818	$797 \\ 821$	$\begin{array}{c} 799 \\ 823 \end{array}$	801 825	804 828	808 880	809 888	811 885	813 837	3 3	
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6 7	912 935	914 938	916 940	919 943	921 945	924 947	926 950	92H 952	931 955	933 957	2 2	
8	959	962	964	967	969	971	874	976	97H	181	2	
9	988	986	988	990	998	995	998	*000	*002	*005	2	
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1 2	081 055	033 057	086 060	088 062	041 064	043 067	045 069	048	050 074	052 076	3 3	
8	079	081	088	086	088	091	093	095	098	100	9	
4	102	105	107	110	112	114	117	119	122	124	: 2	
5 6	126	129	181	133	186	188	141	143	145	4 4	2	1
7	150 174	152 176	155 179	157 181	160 188	162 186	164 188	167 190	169 193	171 195	3 3	
8	198	200	202	205	207	209	313	214	217		3	1
9	221	2 24	226	2 28	231	233	236	238	240	248	2	
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2	293	295	274 297	276 300	278 302	281 804	283 307	285 209	288 212	290 214	3	1
8	816	819	821	828	826	828	330	333	335	aan	2	1
4	840	842	845	847	849.	852	354	357	859	361	ä	l
5	864	866	868	871	878	875	878	380	383	SMS	2	I
6 7	887 411	390 413	$\frac{892}{416}$	$\frac{894}{418}$	897 420	399	401	404	406	409	2	l
8	485	487	489	442	444	428 446	425 449	427 451	430 453	432 456	3 2	1
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5	600	602	604	607	609	611	614	616	618	621	2	I
7	623 647	626 649	628 651	680 654	688 656	685	687	640	642	644	8	j
8	670	678	675	677	680	658 682	661 684	663 687	665 689	691	3]
9	694	696	698	701	708	705	708	710	712	715	2	1
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	114 138 161	117 140 163	119 142 166	121 145 168	124 147 170	126 149 173	128 152 175	131 154 177	133 156 180	185 159 182	3 2 2	
	184 207 231	186 210 233	189 212 285	191 214 238	$193 \\ 217 \\ 240$	196 219 242	198 221 245	200 224 247	203 226 249	205 228 251	2 3 3	
	254 277 800	256 279 302	258 282 305	261 284 307	268 286 309	265 289 812	268 291 314	270 293 316	272 295 819	275 298 321	2 2 2	
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	393 410 489	395 418 441	397 420 443	400 428 446	402 425 448	404 427 450	407 480 488	400 482 455	411 484 487	413 487 460	2 2	- Company of the Comp
	462 485 508	464 487 510	467 490 513	469 492 515	471 494 517	478 497 520	476 499 522	478 501 524	480 503 527	488 508 529	2 2 2	
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	761 784 807 830	763 786 809 832	766 788 811 8 34	768 791 814 886	770 793 816 839	772 795 818 841	775 798 820 843	777 800 823 846	779 802 825 848	782 804 827 850	2 3 3 2	
	852 875	855 878	857 880	859 882	862 885	864 887	866	869	871 894	878	3 3	

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1900	.27	875	878	880	882	885	887	889	891	894	896	2	Section of the latest section in the latest
1	"'	898	900	903	905	907	910	912	914	916		2	
2	1	921	923	926	928	930	932	935	937	039		2	
3		944	946 969	948	$951 \\ 974$	$\begin{array}{c} 953 \\ 976 \end{array}$	955 978	958 980	960 983	983 983		3 2	
4		967		971									
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6 7	.28	012 035	015 037	040	042	044	046	049	051	053		2	
8		058	060	062	065	067	009	071	074	070		8	
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2		149	151	153	156	158 181	160	162	165	107	169	2	
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5	ł	217	219	221	224	226	228	230	233	205	237	8	
6 7	1	$\begin{array}{c} 240 \\ 262 \end{array}$	$\frac{242}{264}$	$\frac{244}{267}$	246 269	$\frac{249}{271}$	251 274	283 276	200 278	ម្ភិកិន្ត ពុម្ភិ	200 283	2	
8		285	287	289	202	294	296	204	201	303	200	2	
9		307	310	312	314	817	319	321	323	826	328	3	
1920	1	330	332	335	337	339	341	844	346	348	850	3	
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2		875	878	880	382	884	887	389	391	aua	apn	. 2	
8 4		$\frac{898}{421}$	400 423	$\frac{402}{425}$	$\frac{405}{427}$	407 480	40b 482	411	414	410	41H 441	3	
5		443	445	448	450	452	454	457	459	481	463	1 8	
6	1	466	468	470	472	475	477	479	411	4144	481	2	
7		488	490	498	495	497	499	502	504	506	THIN	1 3	
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5 6		668	670	678	675	677	679	682	684	ana	们数据	а	
7		691 713	698 715	695 717	$\begin{array}{c} 697 \\ 720 \end{array}$	700 722	702 724	704	706	708	711	2	
8		785	788	740	742	744	747	720 749	729 731	731 733	7au 7au	7	
9		758	760	762	764	767	769	771	77a	770	77H	2	
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1		808	805	807	809	812	814	816	818	M20	製品質	2	
2 8		825 847	827 850	829	882	884	886	Han	N41	NAM	M 4.5	2	
4		870	872	852 874	854 876	856 879	858 881	861 883	BHB BBS	HHA BAT	H67 H90	2	
5		892	894	896									
6		914	917	919	899 921	901 928	903 925	905 928	90%	910	913	2	
7		937	989	941	943	946	948	950	930 952	932 984	934	3	
8 9		959	961	968	966	968	970	972	974	977	979	2	
		981	983	986	988	990	992	995	997		+001	2	
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No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2000	.30 103	105	107	110	112	114	116	118	120	123	2	
1	125	127	129	131	133	136	188	140			2	
2	146	149	151	153	155	157	159	162			2	
3	168	170	172	175 196	177 198	179 201	181 203	188 205	185 207		2	
4	190	192	194	180		201	400	200	ail I	2011	2	
5	211	214	216	218	220	222	224	227	229		2	
6	233 255	235 257	$\frac{237}{259}$	240 261	242 263	244 206	246 268	248 270	250 272		3	
7 8	276	279	281	283	285	287	289	303	294		55 63	
ğ	298	300	302	304	307	309	311	313	315		ā	
2010	820	322	324	326	828	880	888	335	337	839	2	
1	341	343	346	348	850	352	354	350	BAN	301	2	
2	363	365	867	369	371	874	376	378	380	BHS	2	
8	384	387	889	891	393	896	897	899	402	404	2	
4	406	408	410	412	415	417	419	421	453	425	3	
5	428	480	482	484	486	488	440	443	445	447	2	
6	449	451	458	456	458	460	462	4114	486	468	. 3	
7 8	471	478 494	475 496	477 499	479 501	481 508	484	488	4 11 11	490	3	
ğ	514	516	518	520	522	524	505 527	507 529	509 531	511 533	3	
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2020 1	585 557	537 559	539 561	542 563	544 565	546 567	548	550	852		: 3	ļ
2	578	580	582	585	587	889	570 591	572 593	874 808	374 397	3	
3	600	602	604	808	608	610	612	615	617		2	
4	621	623	625	627	630	682	684	636	сан	640	a	
5	648	645	647	649	651	658	655	658	660	662	2	
6	664	666	668	670	678	675	677	679	681	nna	2	
7 8	685	688	690	692	694	696	698	700	703	705	2	
9	707 728	709 780	$711 \\ 782$	718 785	715 737	718 789	720 741	722 743	724 748	720 747	2 3	
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8	814	816	818	820	822	824	827	829	831	RI2 REN	2	1
4	835	837	889	841	844	846	848	850	852	N84	2	Í
٠ ق	856	859	861	863	865	867	869	871	874	876	2	- 1
6	878	880	882	884	886	888	891	893	898	897	2	,
7 8	899	901	908	905	908	910	912	914	916	918	2	ļ
9	920 942	923 944	925 946	927	929	981	933	935	937	940	2	1
-			040	948	980	952	955	957	959	961	2	·]
2040	968	965	967	969	972	974	976	978	980	982	3	l
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8	027	008 0 2 9	010 081	012 038	014 085	016	018	020	023	025	3	ì
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7	112	114	116	118	120	101 122	108 125	105	108	110	2	1
8	133	135	187	139	141	144	146	127 148	129 150	131	2	1
9	154	156	158	161	163	165	167	169	171	173	2	ł
2050	175	178	180	182	184	186	188				- 1	1
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Add Proportional Parts.

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0	.81		178	180			186	188				8	
Ļ		197	199	201	208		207	209		214	216	2	
2		218	220	$\frac{222}{248}$	224		228 940	280		285 256	237	2	
22 65 44		239 260	$\frac{241}{262}$	264		$\frac{247}{269}$	249 271	252 273		277	258 279	2 2	
5		281	283	2 85	288	290	292	294	296	298	300	2	
5 3		302	304	807	309	311	313	815		819	321	2	ł
7		323	326	328	330	382	884	336		840	842	3	
В		845	347	349	851	858	355	857	859	861	364	2	
9		366	368	370	872	874	876	378	380	888	885	2	
b		387	389	391	898	895	897	899	401	404	406	2	
Ŀ		408	410	412	414	416	418	420	428	425	427	2	
2		429	481	488	485	487	489	442	444	446	448	2	
?		450 471	$\frac{452}{478}$	454	456 477	458 479	460 481	468 484	465 486	$\frac{467}{488}$	469 490	2 2	ı
Ī							301	404	400	400	480	-3	
5		492	494	496	498	500	503	505	507	509	511	2	
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		534 555	586 557	559 559	540 561	542 568	545 566	547	549	551	558	3	J
5		576	578	580	582	584	587	568 589	570 591	572 598	574 595	2 2	
P		597	599	601	608	605	608	610	612	614	616	2	
		618 689	$620 \\ 641$	$\frac{622}{648}$	624 645	$\frac{626}{647}$	628 649	681 652	088 684	685 656	637 658	2 2	į
		660	662	664	666	668	670	672	675	677	079	2	1
		681	688	085	687	689	691	698	696	698	700	2	
,		702	704	706	708	710	712	714	716	719	721	2	
		723	725	727	729	781	788	785	737	789	742	2	- 1
		744 765	$\begin{array}{c} 746 \\ 767 \end{array}$	748 769	750 771	752 778	754	756	758	760	762	3	l
		785	788	790	792	778	775 796	777 798	779 800	781 802	783 804	2 2	l
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1		806	808	811	818	815	817	819	821	823	825	2	j
:		827 848	829 850	881 852	888 854	886 850	888 859	840 861	842	844 905	846	2	I
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		890	892	894	896	898	900	902	904	906	808	2	- 1
		911	918	915	917	919	921	923	925	927	929	2	1
•		981	984	936	988	940	942	944	946	948	950	2	I
		952	954	956	846	961	963	965	967	969	971	2	
		978	975	977	979	188	888	986	988	990	992	2	1
1		994	996	998	* 000	*002	*004	*006	*008	*010	*013	2	1
	·82	015	017	019	021	023	025	027	029	031	033	2	1
		085	087	040	042	044	046	048	050	052	054	2	[
		056 077	058 079	060 081	062 083	064 085	087 087	089 089	071	078	075	3	j
		098	100	102	104	106	108	110	091 112	094 114	096	2 2	1
		118	120	128	125	127	nor	101	100	135			ł
		189	141	148	145	147	129 149	131 152	133 154	133	137	2	1
		160	162	164	166	168	170	172	174	176	178	8	
1		181	188	185	187	189	191	193	195	197	199	2	I
		201	208	205	207	210	212	214	216	218	220	2	1
		222	224	226	228	280	282	284	236	288	241	2	
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No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2100	-32 22	22	224	226	228	230	232	234	236	238	241	2	
1	24		245	247	249	251	253	255 276	257 278	259 280	261 282	2	
2	26		265	$\begin{array}{c} 267 \\ 288 \end{array}$	269 290	$\begin{array}{c} 272 \\ 292 \end{array}$	274 294	296	208	300	303	2	
3 4	28 30		286 307	309	311	313	315	317	319	321	323	, 2	
5	32		327	329	331	333	836	338 358	340 360	842 862	344 364	* 13	
6	84 36		348 369	$\frac{350}{371}$	352 373	$\frac{354}{375}$	356 377	379	381	383	San	, 2	
7 8	38		389	391	393	395	397	399	401	404	400	2	
9	40		410	412	414	416	418	420	422	424	420	. 2	
2110	42	88	430	432	434	436	439	441	443	445	447	2	
1	44		451	453	455	457	459 480	461	463	466 486	467	2	
2 3	46 49		$\begin{array}{c} 471 \\ 492 \end{array}$	$\begin{array}{c} 474 \\ 494 \end{array}$	$\begin{array}{c} 476 \\ 496 \end{array}$	478 498	500	502	804	500	438 508	2	
4	51		513	515	517	519	521	523	525	527	huu	2	
5	53		533	535	537	539	541	543	843	547	550	. 2	
6	55		554	556	558	560	562 582	204	56 6 586	ьын Бин		3	
7 8	57 59		574 595	576 59 7	578 599	580 601	008	884 608	607	609	591 611	2	
9	61		615	017	619	021	623	625	627	មដូច	833	2	
2120	68		686	638	640	642	644	646	648	ano	652	2	
1 2	65		656	$\begin{array}{c} 658 \\ 679 \end{array}$	660 681	662 683	664 685	666 687	ROD	670	673	3	
8	67 69		$\begin{array}{c} 677 \\ 697 \end{array}$	699	701	703	708	707	700	691 711	493 713	2	
4	71		717	720	722	724	726	728	730	733	734	2	
5 6	73		788	740	742	744	746	748	780	743	754	2	
7	75 77		758 779	760 781	762 783	764 785	767 787	769 789	771 791	773 793	775	2	
8	79		799	801	803	805	807	809	H11	HIA	HIG	2	
9	81	.8	820	822	824	826	828	830	832	H34	нан	2	
2130	83 85		840 860	842 862	844 864	846 866	848	850	852	HD4	Hāti	2	
2	87		881	888	885	887	889 889	871 891	878 808	nya Nua	N77	2	
8	89	9	901	903	905	907	909	911	913	915	917	2	
4	91	.9	921	924	926	928	930	932	934	HER	van	2	
5 6	94		942	944	946	948	950	952	954	956	Nan	2	
7	96 98		962 982	$964 \\ 985$	966 987	968 989	970 991	972 993	974 995	976 997	97 ×	2	
8	-38 00	ì	008	005	007	009	011	013	013	017	019	**	
9	02	11	028	025	027	029	081	033	088	037	ពងម	2	
2140 1	04	1	048 064	045	047	049	052	054	056	034	000	201	
2	08		084	066 086	068 088	070 090	072 092	074	076	078	ONU	2	
3	1.0	2	104	106	108	110	112	094 114	096 116	OUN IIN	100	11 22	à
4	1.2	2	125	127	129	131	183	135	137	139	141	7	
5 6	14		145	147	149	151	153	155	157	159	161	**	
7	16 18		165 185	167 187	169 189	171 191	178	175	177	179	181	**	l
8	20		205	207	209	212	193 214	195 216	197 218	199	201 222	3	
9	22	4	2 26	228	280	232	284	236	238	240	242	22 22	
2150	24	4	246	248	250	252	254	256	258	260	262	2	

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·33	244	246	248	250	252	254	256	258	260	262	2	
	264	200	268	270	272	274	276	278	280	282	2	
	284	286	288	290	292	294	296	208	300	302	2	
	304	306	808	310	312	314	317	319	$\frac{321}{341}$	323	2 2	
	325	327	329	331	333	335	337	339	941	343	-,	
	345	347	349	351	353	355	357	359	361	368	2	
	365 385	367 387	$\frac{369}{389}$	$\begin{array}{c} 371 \\ 391 \end{array}$	$\frac{378}{398}$	3 7 5 395	$\frac{377}{397}$	$-379 \\ -399$	381 401	383 403	22	
	405	407	409	411	413	415	417	419	421	423	0)	
	425	427	429	431	433	435	437	439	441	443	2	
	445	447	449	451	453	455	457	459	461	463	2	
	405	467	469	472	474	476	478	480	482	484	2	
	486	488	490	492	494	496	498	500	502	504	2	
	506 526	508 528	510 530	$\begin{array}{c} 512 \\ 532 \end{array}$	$\begin{array}{c} 514 \\ 584 \end{array}$	516 536	518 538	520 540	542 542	524 544	2 2	
	0.50	Uan	0.00	004	1104	550	2000	041/	17.1	17'5''8	-	
	540	548	550	552	554	556	558	b60	562	504	2	
	566	508	570	572	574	576	578	580	582	684	2	
	586 606	800	590 610	$\frac{592}{612}$	$\frac{594}{614}$	596 616	80a 818	600 6 2 0	602 622	604 624	2 2	
	626	628	630	632	634	686	638	640	642	644	2	
	646	648	650	652	654	656	658	660	662	664	2	
	666	008	670	672	674	676	678	680	682	684	2	
	686	088	690	692	694	696	698	700	702	704	2	
	$\begin{array}{c} 706 \\ 726 \end{array}$	708 728	710 730	$\frac{712}{732}$	$714 \\ 734$	710	718	720 740	722 742	724	2	
	(40 ()	140	700	102	104	736	738	7.40	192	744		
	746	748	750	752	754	756	758	760	762	764	2	
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8		530 548	532 550	533 552	554 554	537 555	539 55 7	541 559	548 561	544 568	546 565	2	
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		602	604	606	608	609	611	618	615	616	61H	2	1
		620	622	623	625	627	629	630	632	634	636	1	
		687	039	641			646	648		651		2	1
		655	657	658	660	662	664	665	667	669	670	2	ł
		672	674	676	677	679	681	688	684	686	BHH	2	1
		690	691	693	695	697	098	700	702	704	705	2	l
		707	709	711	712	714	716	717	719	721	728	1	1
1		$\begin{array}{c} 724 \\ 742 \end{array}$	$726 \\ 744$	728	730	731	733	735	787	7 a x	740	2	1
		759	761	$\begin{array}{c} 745 \\ 768 \end{array}$	747 764	749	751	752	754	756	758	1	1
		777	778	780	782	766 784	768 785	770 787	771 789	773 791	775 792	2	I
		794	796	797	799	801	808	804	806	808	810	1	I
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1 2	81				886	837	839		N43	811	13	1
3	84				853	855	856	858		862	ĩ	
4	86				870	872	874	876	877	879	2	1
5	88			886	888	889	891	893	895	896	3	
6	89			903 921	905 922	907 924	926 909	910 928	839 813	914	1 2	
7 8	91			938	940	941	1143	945	947	948	23	İ
9	95			955	957	959	960	962	964	966	ī	
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1	98			990	992	993	995	11:17	999	*000	23	
2	·40 00			007	009	011	012	014	016	018	1	
3 4	01			024	026 043	028 045	080	031	033	035	2.5	
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5	05			059	061	003	064	066	OHN	CHEST	2.23	
6	07			076	078	080	081	083	usa	087	1	İ
7 8	088 100			093 111	095 112	097 114	099	100 118	102	104	# #	
9 (123			128	180	181	133	135	137	121	11	1
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1	157			162	164	166	168	169	171	173	£4	
2 3	1.76		178	180	181	183	anı	187	INH	190	13	
	192			197	199	200	202	204	205	207	. 3	
4	208	211	212	214	216	218	219	221	223	221	, 2	
5	226			231	233	235	236	238	240	242		
6	248			248	250	252	254	255	357	49 74 94	· #	
7 8	261 278			266 283	267	209	271	273	274	276		
9	298			800	285 802	286 303	24H 205	290 307	391 309	293 310	. 2	
2580	312	814	815	317	319	821	333	324	326	327	2	
1	829			884	886	338	340	341	343	343	1	
2	340			352	353	855	857	Ahn	360	362	2	
8	864			869	870	872	374	376	377	379	11	
4	381	382	884	886	888	389	391	393	344	aya	2	
5	398		401	403	405	406	408	410	411	413	::	
6	415		418	420	422	423	425	127	429	430	2	
7 8	482		435	487	489	441	442	444	446	447	**	
9	449 486		453 470	454 471	456 478	45H 47B	459 477	461 478	480 463	465	1	
2540	483	485	487	489	490					2	1	
1	500			506	3 0 U	492 809	494 511	495	497	499		
2	518		521	523	524	526	938 911	512 530	514 531	air. '	11	
8	585	586	588	540	541	548	545	847	944	Sau	# 9 # 9 # 1	
4	552	558	555	557	559	500	862	564	aga	an;	eri eri eri	
5	569		572	574	576	577	579	BHI	ងអន្ទ	544	##	
6 7	586		589	591	598	594	596	898	599	dul	2	
8	608		606	608	610	611	613	615	617	614	2	I
ŝ	620 637		628	625	627	628	080	683	634	035	2	I
_ 1			640	642	644	646	647	649	651	653	2	
2550	654	656	657	659	661	663	664	666	668	669	2	

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.40	654	656	657	659	661	663	664	666	668	669	2	1
20	671	673	674	676	678	680	681	683	685	686	2	
	688	690	691	693	695	697	698	700	702	703	2	
	705	707	708	710	712	714	715	717	719	720	2	
	722	724	725	727	729	731	732	784	736	737	2	
	739	741	742	744	746	748	749	751	753	754	2	
	750	758	759	761	763	705	766	768	770	771	2	
	773	775	776	778	780	782	783	785	787	788	2	
	790	792	793	795	797	799	800	802	804	805	2	
	807	809	810	812	814	816	817	819	821	822	2	
	824	826	827	829	881	832	884	836	888	889	2	
	841	843	844	846	848	849	851	858	855	856	3	
	858	860	861	863	865	866	368	870	871	878	25 25	1
	875	877	878	880	882	883	885	887	888	890	2	1
	892	893	895	897	899	900	902	904	905	907	2	
	909	910	912	914	916	917	919	921	922	924	22	
	926	927	029	931	932	984	936	938	989	941	23	1
	943	944	946	948	949	951	953	954	956	958	2	1
	960	961	963	965	966	968	970	971	973	975	ĩ	
	976	978	980	981	983	985	987	988	990	992	i	
	000	UUR	007	000	***	*000	daan	4000		60A0		
. 4 4	$\begin{array}{c} 993 \\ 010 \end{array}$	995	$\begin{array}{c} 997 \\ 014 \end{array}$	015	*000 017		*003		#007	#009	1	
.47	027	012 029	080	032	034	010	020 037	022 039	024	025 042	3	
	044	046	047	049	051	053	054	050	057		2	
	061	008	064	006	008	069	071	073	074	059 076	2	
	00.	VIII	VUX	000	000	OUD	W .	010	07.4	0717	-3	
	078	079	081	088	084	086	088	090	091	098	2	1
	095	096	098	100	101	103	105	106	108	110	1	
	111	118	115	116	118	120	122	123	125	127	1	1
	128	130	132	133	135	137	138	140	142	148	2	
	145	147	149	150	152	184	155	157	រត្រប	160	3	
	162	104	165	167	169	170	172	174	175	177	2	
	179	180	182	184	186	187	189	101	192	194	2	
	196	197	199	201	202	204	206	207	209	211	1	
	212	214	216	217	219	221	223	224	226	SCH	1	
	229	231	233	234	236	238	239	241	243	244	2	
	246	248	249	251	253	254	256	258	259	261	2	
	263	265	266	208	270	271	278	275	276	27H	2	
	280	281	283	285	286	248	290	201	298	295	1	
	290	298	800	301	808	305	306	308	310	312	i	1
	818	815	317	318	320	322	828	325	327	328	1)	
	Aop	900	900	00=	000	19 th ct	910	49.144	*4 4 **	** * *	1	
	330 347	332 348	333 350	885 852	337 353	338	840 357	342	343	345	2	
	808	865	367	869	370	355 372		358	360	362	1	
	880	382	384	885	887	389	374 390	375 392	377 394	379	1 1	l i
	897	399	400	402	404	405	407	409	410	395	2	
	001			* \/ #	w.C.X	*00	497	408	# 1 ()	412	1	
	414	415	417	419	420	422	424	425	427	429		
	480	432	434	435	437	439	441	442	444	446	1	I
	447	449	451	452	454	456	457	459	461	441	2	į i
	464	466	467	469		473	474	476	477	479		I
	481	482	484	486	487	489	491	492	494	496	1	
	497	499	501	502	504	506	507	509	511	512	3	

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2600	-41 497	499	501			500						
1	514	516	517			522					1	
$\frac{2}{3}$	531 547	532 549	534 551			539 556						į
4	564	566	567			572						
5	581	582	584			589					1	
6	597	599	601			606					**	
7 8	614 631	$\begin{array}{c} 616 \\ 632 \end{array}$	$\begin{array}{c} 617 \\ 634 \end{array}$			622 639					2	
9	647	649	651			656				646 662	1 2	
2610	664	666	667			672	674	676	677	679	2	
1	681	682	084	686		689	691	692		dua	1	
2 3	697 714	699	701	702		700	707		711	712		}
4	731	$\begin{array}{c} 716 \\ 782 \end{array}$	$717 \\ 784$	719 786	721 737	722 789	794 741	726 742	727 744	729 746	1	
б	747	749	750	752	754	755	737	759	700	763	2	
6	764	765	767	769	770	773	774		777	779	lï	1
7 8	780	782	784	785	787	789	790		7114	7115	2	1
9	797 814	799 815	$\frac{800}{817}$	802 819	804 820	808 828	807 8 2 3		810	N12	12	
								Hyb	B27	RIR	2	
2620 1	830 847	832 848	888	835	887	838	840	H42	843	845	12	
$\hat{2}$	863	865	$\frac{850}{867}$	852 868	858 870	853 873	857 878	Han H75	860 87 7	Rdy	1	
8	880	881	888	885	886	888	890	нят	RHH	RTH HUS	1	
4	896	898	900	901	908	905	906	908	910	911	2	
5 6	918	915	916	918	920	921	928	925	926	UZ#	1	
7	929 946	981 948	988 949	984	986	938	ងនូង	941	943	914	2	
8	968	964	966	951 967	953 969	954 971	973	958 974	959 976	11111	12	
9	979	981	982	984	986	987	949	221	883	994	2 2	
2630	996	997	999	*001		*004	+005	+007	*009	*010	2	
1 2	·42 012 029	014	015	017	010	020	022	034	មដង	027	12	
8	045	080 047	082 048	084 050	085 0 52	037	OBN	040	042	043	12	
4	062	068	065	087	068	053 070	035 071	027 073	038 075	000	2 2	
5	078	080	081	088	085	086	088	090	091	093	2	
6 7	095	096	098	088	101	103	104	106	108	109	2	
8	111 127	118 129	114 181	116	118	119	121	123	1214	126	ī	
9	144	146	147	132 14 9	184 151	136 152	137 154	139 155	141	142 159	2	
2640	160	162	164	165	167	169	170	172				
1	177	178	180		188	185	187	188	174 190	175 192	2	
2 3	198	195	197	198	200	201	203	203	206	NON	2	
4	210 226	211 228	218 229	215 221	216 288	218 284	220 236	221	223	225	1	
5	248	244	246					238	239	241	3	
6	259	261	262	247 264	249 266	251	252	254	250	257	2	1
7	275	277	279	280	282	267 284	269 285	270	272	274	1	
8 9	292	298	295	297	298	300	302	287 308	289 305	290 207	2	1
	808	810	811	313	315	316	318	320	321	323	2	
2650	825	326	328	880	331	388	384	336	338	239	2	

Add Proportional Parts.

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2650	·42 325 341										D,	P.P.
	341	826	828	330	831	333	334	336	338	339	2	
0 1		343	344	346	348	349	351	352	354	356	1	
2 3	357 374	$\begin{array}{c} 359 \\ 375 \end{array}$	$\frac{361}{377}$	$\frac{862}{379}$	$\begin{array}{c} 364 \\ 380 \end{array}$	366 382	$\begin{array}{r} 367 \\ 384 \end{array}$	369 885	$\begin{array}{c} 370 \\ 387 \end{array}$	372 388	2 2	
4	390	892	393	895	397	398	400	402	403	405	ĩ	
5	406	408	410	411	418	415	416	418	420	421	2	
6	423	424	426	428	429	431	488	434	436	438	1	
7	439	441	442	444	446	447	449	451	452	454	I	
8 9	$\frac{455}{472}$	$\begin{array}{c} 457 \\ 473 \end{array}$	$\frac{459}{475}$	$\frac{460}{477}$	$\frac{462}{478}$	464 480	$\frac{405}{482}$	$\frac{467}{483}$	$\frac{469}{485}$	$\frac{470}{487}$	2	
2660	488	490	491	493	495	496	498	500	501	503	1	
1	504	506	508	509	511	513	514	516	518	519	2	
2	521	522	524	526	527	620	531	532	534	535	3	
3	537	539	540	542	544	545	547	549	550	552		
4	553	555	557	808	560	562	563	565	506	568	3	
5	570	571	573	575	576	578	579	581	583	584	2	
6	083	588	580	591	593	594	596	697	699	601	1	
7 8	602 619	$\begin{array}{c} 604 \\ 620 \end{array}$	606 622	607	609	610	612	614	615	617	2	
ů l	635	636	638	640	625 641	627 643	645	646	648 682	633 649	24 02	
2670	651	653	654	656	658	659	661	063	664	666	1	
1	667	669	671	672	674	076	677	679	680	682	2	
2	084	685	687	080	690	692	693	ថមក	697	698	2	
3	700	702	703	705	706	708	710	711	713	715	1	
4	716	718	719	721	728	724	726	728	729	731	1	
5	732	734	736	737	789	740	742	744	745	717	2	
7	749 765	750 766	752	758	755	787	758	760	762	763	3	
8	781	788	768 784	770 786	771 788	773 789	776 791	776 792	77 H 70 4	779 796	1	
9	797	799	801	802	804	805	807	ноя	810	812	î	
2680	818	815	817	818	820	822	823	825	K26	нан	3	
1	880	831	888	អនត	нап	нвн	RES	H41	H48	H44	2	
2	846	847	849	851	852	854	Has	857	нан	RBU	3	
3 4	862	864	865	867	809	870	872	873	875	877	1	
Ì	878	880	881	нна	885	880	ннн	890	891	нив	1	
5	894	896	898	800	901	903	904	900	907	909	2	
6 7	911 927	912	914	915	917	919	920	922	924	925	2	
8	948	928 945	930 946	$932 \\ 948$	933 949	935 951	980 889	934 934	940	941 957	2	
ě	959	961	962	964	មថថ	967	898	970	972	974	1	
2690	975	977	978	980	082	983	985	987	988	990	1	
1	991	993	995	996	998	999		*003		*006	2	
2	43 008	009	011	012	014	016	017	019	020	022	2	
8	024	025	027	028	030	032	033	035	037	oak	2	
4	040	041	048	045	046	048	049	051	053	054	2	
5	056	057	059	061	062	064	086	067	បកម	070	2	
6	072	074	075	077	078	080	082	083	UNS	UHB	2	
7 8	088 104	090	091	098	095	096	098	099	101	103	1	
9	120	$\frac{106}{122}$	107 124	109 125	111 127	112 128	114 180	115 132	117 133	119 135	1	
2700												
2(00	136	188	140	141	148	144	146	148	149	151	1	

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2700	·43 136					144 160						N MONE	inautoria.
2	169					177							
3	185					198					2	i	
4	201	202	204	205	207	208	210	212	214	213	12		
5 6	217 233			222 238		225						1	
7	249			254		241 257		244 260	246 262				
8	265	266	268	270		278		376	278		2		
9	281	288	284	286	287	289	291	393	294	205	2		
2710	297	299	300	302	303	805	807	30H	310	311	2		
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	313 329	315 331	316 332	318 334	819 885	321 337	323 339	324 340	326 342	327	2		ı
3	345	347	348	850	851	853	355	356	358	343 359	2		
4	861	363	864	866	867	369	371	372	374	375	2		
5	377	379	380	382	888	885	387	888	390	311	2		ı
6 7	898	395	896	398	399	401	403	404	406	407	23		
8	409 425	411 427	412 428	414 430	$\frac{415}{431}$	417	419 485	420 430	422 422	423	2		- 1
9	441	448	444	446	447	449	451	463	454	439 455	22		١
2720	457	458	460	462	468	465	466	408	470	471	- 1		1
1	473	474	476	478	479	481	482	484	486	487	2		- 1
2 8	489 505	490 506	492 508	494 510	495 511	497 518	498	500	502	ana	2		- 1
4	521	522	524	525	527	529	514 530	832	81 B 8 B B	819 838	2		1
5	587	538	540	541	548	545	546	54H	549	551	2		1
6 7	558	554	556	557	559	561	569	öd4	aga	547			
8	569 584	570 586	572 588	578 589	575 591	576	578	580	581	BHB	1 1		
9	600	602	604	605	607	592 608	610	596 611	697 613	844 618	1		١
2730	616	618	619	621	628	624	626	627	629				ı
1	682	634	685	637	639	640	042	043	043	631 646	2.1		1
2 3	648 664	650 666	651 667	658	654	656	868	659	uu 1	862	2		1
4	680	681	688	669 685	670 686	672 688	673 689	675 691	677 692	624 624	2		
5	696	697	699	700	702					ĺ			1
6	712	713	715	716	718	704 720	705 721	707 728	70# 724	710 726	# 1		
7 8	727 748	729	731	782	784	735	787	739	740	743	į		ı
9	759	$\begin{array}{c} 745 \\ 761 \end{array}$	747 762 ·	748 764	760 766	751 767	753 769	734 770	756	75H	1		
2740	775	777	778	780					772	772	2 ;		
1	791	792	794	796	781 797	783 799	785 800	786 802	7 88	780	#		
3	807	808	810	811	813	815	816	818	818 804	NO5	2		
4	828 888	824 840	826 842	827 843	829 845	830 846	882 848	849 849	abb	HHT	1		
Б	854	856	857						na i	MAR	1		
6,	870	872		859 875	861 876	862 878	864		867	ROH	2		
7	886	887	889	891	892	894	880 895		888 899	800 :	2 2		
9	$\frac{902}{917}$	903 919		906 922	908 924	910	911	913	914	916	1		
2750	933	985				925		1120	930	932	1		
20	200	700	986	988	940	941	943	944	946	947	2		

	0	1	2	3	4	5	6	7	8	9	1).	P.P.
.43	933	935	936	938	940	941	943	944	946	947	2	
	949	951	952	954	955	957	959	960	962	963	2	
	$\begin{array}{c} 965 \\ 981 \end{array}$	966 98 2	968 984	970 985	$\frac{971}{987}$	973	974 990	$976 \\ 992$	97 7 993	979	2	
	996		*000			989 ×004			*009	995 *011	1	
.44	012	014	015	017	018	020	022	023	025	026	2	
	028	029	031	033	034	036	037	039	041	042	2	
	044	045	047	048	050	052	053	055	056	058	1 1	
	$\begin{array}{c} 059 \\ 075 \end{array}$	061 077	$\begin{array}{c} 068 \\ 078 \end{array}$	0 64 080	$\begin{array}{c} 066 \\ 081 \end{array}$	067 083	069 085	070 086	072 088	$\begin{array}{c} 074 \\ 089 \end{array}$	1 2	
	091	002	094	096	097	099	100	102	103	105	2	
1	107	108	310	111	113	115	116	118	119	121	1	
	$\frac{122}{138}$	124	126	127	129	180	132	133	185	137	1	
	154	$\begin{array}{c} 140 \\ 155 \end{array}$	141 157	143 159	144 160	146 162	148 163	149 165	151 106	152 168	2 2	
	170	171	173	174	176	177	179	181	182	184	1	
	185	187	188	190	191	193	195	196	198	199	2	
1	201 217	202 218	204 220	$\frac{206}{221}$	207 223	209 224	210 226	212 228	213 2 2 9	215 281	2	
	$\tilde{2}32$	284	235	237	239	240	242	248	245	246	2	
}	248	250	251	253	254	256	257	259	261	262	2	
	264	265	267	268	270	271	278	275	276	278	1	
	$\frac{279}{295}$	$\frac{281}{297}$	282 298	284 300	286 301	287 303	289 304	290 306	292 308	293 309	2 2	
	811	312	814	815	817	818	820	322	828	325	ĩ	
	326	828	829	331	888	384	386	337	339	840	3	
1	342 858	344 359	345	847	848	350	351	353	854	856	2	
	378	375	361 376	$\frac{362}{378}$	364 379	865 881	867 888	369 384	370 386	872 887	1 2	
	889	390	392	894	395	397	398	400	401	408	ī	
	404	400	408	409	411	412	414	415	417	419	1	4
	420 486	422	423 480	425	426 442	428	429 445	481 447	438 448	434 450	2	
1	451	458	454	456	458	459	461	462	464	465	2	
	467	468	470	472	478	475	476	478	479	481	3	
	483	484	486	487	489	490	492	498	495	497	1	
1	498 514	500 515	501 517	508 518	504 520	506 521	507 528	509 525	511 526	813 H&8	2	
1	529	531	532	534	536	537	539	540	542	0.20 048	2	
	545	546	548	550	551	558	554	556	557	559	ī	
	560	562	564	565	567	568	570	571	573	574	2	
	576 592	578 598	579 595	581 596	582 598	584 599	585 601	587 602	588 604	590 606	2	
	607	609	610	612	618	615	616	618	620	621	2	
	623	624	626	627	629	630	682	684	635	637	1	
	688	640	641	648	644	646	648	649	651	652	2	
	654 669	655 671	657 672	658 674	660 675	661 677	663 679	665	666	668	1	
	685	686	688	689	691	698	694	680 696	682 697	683 699	2	
	700	702	708	705	706	708	710	711	718	714	2	
	716	717	719	720	722	724	725	727	728	730	1	

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					and the second second	Maria a de comprese	ndan ^	un March 18				•	
2800	.44	716	717	719	720	722	724	725	727	728	730	1	
2800		781	733	734	736	738	739	741	743	7-1-4	745	13	
2		747	748	750	751	753	755	756	758	759	761	. 1	
รื		762	764	765	767	769	770	772	773	775	776		
4		778	779	781	782	784	780	787	789	790	792	11	
5		793	795	796	798	799	801	808	804	нап	807	2 '	
6		809	810	81.2	813	815	817	818	820	N21	HER	1 1	
7		824	826	827	829	830	882	834	835	837	HRH	1	
8		840	841	843	844	846	847	849 864	851 866	853 868	854 980	: 3	
9		855	857	888	860	861	868	0114	0110	សម្រា	any		
2810		871	872	874	875	877	878	880	881	KHH	NHS	1	
1		886	888	889	891	892	894	ABA	897	898	300	e:	
2		902	903	905	900	808	909	911	913	911	915	-	
3		917	919	920	922	023	925	926	1134	1121	931	1	
4		932	934	935	987	939	940	942	848	945	11413	. # 1	
5		948	949	951	952	954	986	957	สวก	woo	11112	1 1	
6		968	965	966	968	969	971	973	1174	974	1177	1	
7		979	980	982	983	985	986	BRH	989	SER I	E4 54 54	. 1	
8		994	996	997		*000			*005		+ (itti		
9	.45	010	011	018	014	010	017	010	ugo	022	បន្ទង	3	
2820		025	026	028	080	081	088	034	oan	037	pap	1 :	
1		040	042	043	045	046	048	050	051	053	054	. 2	
2 3		056	057	059	060	062	063	065	066	068	070		
4		071 086	078 088	$\begin{array}{c} 074 \\ 090 \end{array}$	076 091	077 093	079 094	080	082	und uno	osh loo	2	
ĸ		102	108	105	106	108	110	111	113	114	116	1	
5 6		117	119	120	122	123	125	136	124	130	131	1	
7		183	184	186	187	139	140	143	143	145	1 4 11	3	
8		148	149	151	158	154	156	157	159	1410	162	1	
9		168	165	166	168	169	171	178	174	176	177	2	
2830		179	180	182	188	185	188	188	189	191	192	x 5	
1		194	196	197	199	200	202	202	203	206	2014	Ĩ,	
2		209	211	212	214	215	217	219	220	당당당	223	2 '	
8		225	226	228	229	281	222	234	ann	237	2.14		
4		240	242	248	245	246	248	340	251	252	2154	1	
5 6		255	257	258	260	261	203	364	266	Silk	269	2	
6		271	272	274	275	277	278	2110	281	겼처됨	284	2	
7		286	287	289	291	292	304	295	297	2298	agu	į	
8		801	808	804	806	807	809	810	312	1111	215	21	
9		817	818	820	821	828	824	326	327	温温料	220	3	
2840		882	888	885	886	888	339	841	343	344	# 4ki	1	
1		847	849	850	852	353	355	356	SBH	asy	361	11	
2		362	864	865	867	369	370	872	373	375	376	2	
8		878	379	881	882	884	385	387	特殊的	3110	391	2	
4		898	894	896	398	399	401	402	404	405	407	1	
5		408	410	411	418	414	416	417	419	420	422		
6 7		428	425	427	428	480	431	433	434	434	437	2	
8		489	440	442	448	445	446	448	449	451	452	2	
9		454 469	456 471	457 472	459 474	460 475	462 477	468	468 480	466	46N 4AB	1	
2850		484	486	488	489	491	492	494	495	497	498	3	

					LO	GS.				28	00 -	29 00
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	561 576 591 606 621	562 577 593 008 623	564 579 594 609 624	565 580 596 611 626	567 582 597 612 627	568 583 599 614 629	570 585 600 615 631	571 586 602 617 632	573 588 603 618 684	574 590 605 620 685	2 1 1 1 2	
	637 652 667 682 697	638 653 668 684 699	640 655 670 685 700	641 656 672 687 702	648 658 678 688 703	644 659 675 690 705	646 661 676 691 706	647 662 678 693 708	649 664 679 694 709	650 665 681 696 711	2 2 1 1 1	
	712 728 743 758 773	714 729 744 759 775	715 731 746 761 776	717 732 747 702 778	719 734 749 764 779	720 735 750 765 781	722 737 752 767 782	723 738 753 769 784	725 740 755 770 785	726 741 756 772 787	2 2 1 1	
	788 803 818 834 849	790 805 820 835 850	791 806 821 887 852	793 808 828 838 858	794 809 824 840 855	796 811 826 841 856	797 812 828 848 858	799 814 829 844 859	800 815 831 846 861	802 817 882 847 862	11222	
	804 879 894 909 924	865 880 895 911 926	867 882 897 912 927	868 888 899 914 929	870 885 900 915 930	871 886 902 917 982	873 888 903 918 938	874 889 905 920 935	876 891 906 921 936	877 892 908 928 938	22111	
-40		941 956 971 986 001	942 957 972 987 008	944 959 974 989 004	945 960 975 990 006	947 962 977 992 007	948 963 978 994 009	950 965 980 995 010	951 966 981 997 012	953 858 848 848 810		
	015 080 045 060 075	016 031 046 061 076		019 034 049 064 079	021 036 051 066 081		024 039 054 009 084	025 040 055 070 085	027 042 057 072 087	028 043 058 073 088	**************************************	
	090 105 120 135 150	091 106 121 186 151	093 108 128 138 153	094 109 124 189 154	096 111 126 141 156	097 112 127 142 157	099 114 129 144 159	100 115 130 145 160	102 117 132 147 162	148 163	21 24 24 28 28	
	165 180 195 210 225	166 181 196 211 226	168 183 198 218 228	169 184 199 214 229	171 186 201 216 231	172 187 202 217 282	174 189 204 219 234	175 190 205 220 235	177 192 207 222 237	193 208 223 288	C4 C2 C3 C4 C4	
	240	241	248	244	246	247	249	250	252	253	2	

No.	0	1	2	3	4	5	6	7	8	9	D.	P
2000	10.04	0.41	243	244	246	247	249	250	252	253	2	
2900	·46 240		243 258	259	261	262	264	265	267	268	2	
1 2	270		273	274	276	277	279	280	282	283	3	
3	281		288	289	291	292	294	295	297	298	2	
4	300		303	304	306	307	309	310	312	313	2	
_	011	916	318	319	321	322	324	325	327	328	2	
5	318		333	334	336	837	339	340	342	343	. 2	
6 7	34		347	349	350	352	353	306	356	358	1	
8	35		362	364	365	367	368	370	371	373	1 1	
9	37		377	379	380	382	383	385	386	HHE	1	
0010	389	391	392	394	395	397	398	400	401	403	1	
2910	404		407	409	410	412	413	415	416	41N	il	
1 2	419		422	424	425	427	428	430	431	433	1	
3	48		487	489	440	442	443	444	446		1 2	
4	449		452	453	455	456	458	459	461	462	3	
5	464	465	467	468	470	471	473	474	476	477	2	
6	479		482	488	486	486	488	489	491	4112	2	
7	49		407	498	500	501	503	504	506	507	9	
8	50		512	518	514	516	517	519	520	ងដូដ	. 1	
9	52		526	528	529	581	532	534	685	637	1	
2920	53	3 540	541	543	544	540	547	549	aaa	55g	1	
1	55		556	558	559	561	562	664	ada	567	1	
$\dot{\tilde{2}}$	56		571	572	574	575	577	57K	ano	581	2	
3	58		586	587	589	590	502	aua	aua	ann	2	
4	59		109	602	604	605	607	non	610	all	2	
5	61:	8 614	616	617	619	620	621	62.1	624	620	1	
ő	62		680	682	683	685	636	638	439	11.4.1	i	
7	64		045	647	648	650	651	653	65.4	tititi	1	
8	65	7 659	660	862	663	665	add	007	dily	ti # t+	2	
9	67	2 673	675	676	678	679	akt	682	684	tinh	2	
2930	68	7 688	690	691	698	694	aya	697	npu	700	2	
1	70		705	706	708	709	710	712	713	715	i	
2	71		719	721	722	724	725	727	7214	730	il	
8	78	L 738	784	786	787	730	740	742	743	745	1	
4	74	6 747	749	750	752	783	788	756	734	760	2	
5	76	1 762	764	765	767	768	770	771	773	774	2	
6	77		779	780	782	783	784	"MI	787	749	1	
7	79	792	793	795	796	798	799	HOI	NOD	1504	1	
8	80		808	810	811	818	H14	818	817	P4 1 74	2	
9	82	821	823	824	826	827	ндр	нао	H32	REM	, 2	
2940	88	5 836	888	889	841	842	844	845	n47	70 d Ft	2	
1	85		852	854	855	857	нан	ago	Bh 1	KIN	1	
2	86	4 866	867	869	870	872	H73	H75	14711	14.7 H	i	
3	87		882	888	888	886	HHH	HMH	Mul	转转型	2	
4	89	4 895	897	898	900	901	903	904	yod	907	2	
5	90	9 910	911	913	914	916	917	919	920	H 2 2	,	
6	92	8 925	926	928	929	931	932	934	935	937	1	
7	93		941	942	944	945	947	94H	950	951	1	
8	95		956	957	969	960	962	963	965	966	1	
9	96	7 969	970	972	978	975	976	97 H	979	awi	•	
2950	98	2 984	985	987	988	990	991	993	994	995	2	

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.46	982	984	985	987	988	990	991	993	994	995	2	4.17 B
10	997			*001				*007			2	
.47	012	013	015	016	018	019	020	022	023	025	ı ı	
- •	026	028	029	031	032	034	035	037	088	040	î	
	041	043	044	045	047	048	050	051	058	054	2	
	056	057	059	060	062	063	065	066	068	069	1	
	070	072	073	075	076	078	079	081	082	084	1	
	085	087	088	090	091	092	094	095	097	098	2	
	100	101	103	104	106	107	109	110	112	113	1	
	114	116	117	119	120	122	123	125	126	128	1	
	129	131	132	134	135	137	138	139	141	142	2	
	144	145	147	148	150	151	153	154	156	157	2	
	159	100	161	163	164	166	167	169	170	172	1	
	173	175	176	178	179	180	182	183	185	186	2	
	188	189	191	192	194	195	197	198	200	201	1	
	202	204	205	207	208	210	211	213	214	216	1	
	217	219	220	222	223	224	226	227	229	230	2	
	232	233	235	236	238	239	241	242	243	245	1	
	246	248	240	251	252	254	255	257	258	260	1	
	201	262	264	265	267	268	270	271	273	274	2	
	27 6	277	279	280	281	283	284	286	287	289	1	
	290	292	298	205	296	298	299	300	302	308	2	
	305	800	308	309	311	812	314	815	817	318	1	
	319	321	322	324	825	827	828	330	331	333	1	
	384	836	837	338	840	341	348	344	346	847	2	
	849	350	352	353	855	356	357	359	360	862	1	
	363	365	366	808	369	371	872	374	875	376	2	
	878	379	381	382	384	385	387	388	890	391	1	
	$\begin{array}{c} 392 \\ 407 \end{array}$	394 409	895	397	898	400	401	403	404	406	1	
	*01	400	410	411	413	414	416	417	410	420	2	
	422	428	425	426	427	429	430	482	488	485	1	
	436	438	439	441	442	448	445	446	448	449	2	
	451	452	454	455	457	458	460	461	462	464	1	
	465	467	468	470	471	473	474	476	477	478	2	
	480	481	483	484	486	487	489	490	492	493	1	
	494	496	497	499	500	502	503	505	506	508	1	
	509	510	512	513	515	516	518	519	521	522	23	
	524 890	525	526	528	529	531	582	584	585	587	1	
	538 55 8	540 554	541 555	542 557	544 889	545	547	548	550	551	2	
	000	17174	000	001	558	560	501	568	564	500	1	
	567	569	570	571	573	574	576	577	570	580	2	
	582	583	585	586	587	589		592		595	1	
	596	598	599	601	602	603	605	606	608	609	2	
	611 625	$612 \\ 627$	614	615	616	618	619	621	622	624	1	
'	u a O	021	628	630	631	632	684	635	637	688	2	
	640	641	643	644	645	647	648	650	651	653	1	
	654	656	657	659	660	661	668	664	666	667	2	
	669	670	672	678	674	676	677	679	680	682	1	
	688 698	685	686	688	689	690	692	693	695	696	21	
'	<i>u</i> 4 6	699	701	702	708	705	706	708	709	711	1	
!	712	714	715	716	718	719	721	722	724	725	2	
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3000 1 2 3	·47 712 727 741 756	7 728 L 743	$729 \\ 744$	731 745	718 732 747 761	719 734 748 763	735 750	737 751	738 753	725 740 754 769	2 1 2 1	
4	770	771	773	7 7 4	776	777	779	780	782	783	1	
5 6 7 8 9	784 799 813 828 842	800 815 829	787 802 816 831 845	789 803 818 832 847	790 805 819 834 848	792 806 821 835 849	808 8 2 2 836	809 823 838	810 825	797 812 826 841 855	1 2 1 2 2	
3010 1 2 3 4	857 871 885 900 914	873 887	860 874 888 903 917	861 875 890 904 919	862 877 891 906 920	864 878 898 907 922	894	867 881 896 910 924	868 883 897 911 926	870 884 898 913 927	1 2 1 2	
5 6 7 8 9	920 943 958 972 986	930 945 959 973 988	932 946 960 975 989	933 947 •962 976 991	984 949 968 978 992	986 950 965 979 994	937 952 966 981 995	939 953 968 982 996	940 955 969 988 998	942 956 970 985 999	1 2 2 1 2	
3020 1 2 3 4	·48 001 015 020 044 058	002 017 081 045 060	004 018 082 047 061	005 019 034 048 062	006 021 035 050 064	008 022 037 051 065	009 024 038 052 067	011 025 040 054 068	012 027 041 055 070	014 028 042 057 071	1 1 2 1 2	
5 6 7 8 9	078 087 101 116 130	074 088 103 117 181	075 090 104 118 138	077 091 106 120 134	078 098 107 121 186	080 094 108 123 187	081 096 110 124 189	083 097 111 126 140	084 098 118 127 141	085 100 114 128 148	2 1 2 2 1	
3030 1 2 3 4	144 159 178 187 202	146 160 174 189 203	147 161 176 190 204	149 163 177 192 206	150 164 179 193 207	151 166 180 194 209	153 167 182 196 210	154 169 188 197 212	156 170 184 199 218	157 171 186 200 214	2 2 1 2 2 2 2	
5 6 7 8 9	216 230 244 259 273	217 282 246 260 274	219 238 247 262 276	220 284 249 268 277	222 286 250 264 279	223 287 252 266 280	224 239, 253 267 282	226 240 254 269 283	227 242 256 270 285	239 248 257 272 286	1 1 2 1	
8040 1 2 8 4	287 302 316 330 344	289 808 317 832 346	304 319 883	320 3 34	298 807 822 836 850	295 309 323 337 352	296 310 324 389 353	297 812 826 840 854	299 813 827 842 856	300 314 329 848 857	2 2 1 1 2	
5 6 7 8 9	359 373 387 401 416	860 874 889 408 417	876 890 404	392 406	364 879 898 407 421	366 380 394 409 428	367 382 396 410 424	869 888 897 411 426	370 884 399 413 427	372 386 400 414 429	1 1 1 2 1	
3050	480	481	488	484	486	487	489	440	441	448	1	- 1

	0	1	2	3	4	5	6	7	8	9	D.	1
·48	430	431	433	434	436	437	439	440	441	443	1	- Marie
	444	446	447			451					1	
	458	460	461	463		466					3	i
	$\begin{array}{c} 473 \\ 487 \end{array}$	$\begin{array}{c} 474 \\ 488 \end{array}$	476 490			480 494		483 497			2	
	501 515	503 517	504 518			508 522			512 527		1 2	
	530	531	532	534	535	537				542	2	
	$\begin{array}{c} 544 \\ 558 \end{array}$	545 559	547 561	548 56 2		551 565		55 4 568			1	
	572	574	575	576	578	579	581	582	583	888	1	
	586	588	589		592	598					2	
	601	602	603		608	608		610			2	
	615	616	018			622		625			3	
	629	630	632	683	035	636	637	639	640	642	1	
	648	644	646		649	650		653			1 1	
	$\begin{array}{c} 657 \\ 671 \end{array}$	$659 \\ 673$	$-660 \\ -674$	$\frac{061}{676}$	663 677	664		667			1	
	686	687	688		691	678 698		681 695	683 697		3 3	
	700	701	703	704	705	707		710		712	3	
	714	715	717		719	721		734	725		1	
	728	729	781	782	734	785		738			1	
	$\begin{array}{c} 742 \\ 756 \end{array}$	744 758	745 759	746 760	748 762	749 7 6 3		752 766	758 768	755 769	1 1	
	770	772	778	775	776	777	779	780	789	788	2	
	785	786	787	789	790	793		794	796	797	3	
	$\begin{array}{c} 799 \\ 813 \end{array}$	800	801	803	804 818	806 820		809	810		2	
	827	814 828	816 830	$\begin{array}{c} 817 \\ 831 \end{array}$	888	834		823 837	824 838	826 840	2	
	841	842	844	845	847	848		851	852	854	i	
	855	856	нан	859	861	862		865	806	888	1	
	889 883	871	872	873	875	876 890		879	880	883		
	897	888 899	886 900	88 7 902	889 903	904		893 907	895 909	896 910	1	
	911	918	914	916	917	918		021	928	924	3	
	926	927	928	930	981	938		935	937	อลห	2	
	940 954	941 955	942	944 958	945 959	947 961	948 962	949 964	951 965	952	2	
	968	969	971	972	978	975		978	979	966 980	23	
	982	នមន	885	986	987	989	990	992	993	994		
	996	997		*000					+007		12	
.49	010	011	018	014	016	017		020	021	023	1	
	024 038	025 039	027	028 042	030 044	031 045	032	048	049	037 051	1	
	052	053	055	056	058	059	060	003	068	065	i	
	066	067	069	070	072	073	074	076	077	079	1	
	080	081	083	084	086	087	089	090	091	093	1 1	
	094 108	096 110	097 111	098 112	100 114	101 115	103 117	104 118	105	107 121	1 1	
	122	124	125	126	128	129	131	132	133	135	1	
	186	138	139	140	142	148	145	146	147	149	1	

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No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3100	40 120	138	139	140	142	143	145	146	147	149	1	
3100	·49 136 150	152	153	154	156	157	159	160	161	163	1 1	
2	164	166	167	168	170	171	173	174	175	177	1	
3	178	180	181	182	184	185	187	188	189	191	1 1	
4	192	194	195	196	198	199	201	202	203	205	1	
5	206	208	209	210	212	213	215	216	217	219	1	
6	220	222	223	224	226	227	229	230	231	233	1	
7	234	236	237	238	240	241	243	244	245	247	1	
8	248	249	251	252	254	255	256	258	$\frac{259}{273}$	$\frac{261}{275}$	1	
9	262	263	265	266	26 8	2 69	270	272	2/3	210	*	
3110	276	277	279	280	282	283	284	286	287	289	1	
1	290	291	293	294	296	297	298	300	301	303	1	
2	304	305	307	308	310	311	312	314	$\frac{315}{329}$	317 330	1 2	
3 4	318 332	319 333	$\begin{array}{c} 321 \\ 335 \end{array}$	$\frac{322}{336}$	$\frac{323}{337}$	$\frac{325}{339}$	$\frac{326}{340}$	$\frac{328}{342}$	343	344	2	
	002	000	333	300	001	003	910	012	010	011		
5	346	347	349	350	351	353	354	356	357	358	2 2	
6 7	360	361	363	364	365	367	368	370	371	372	2 2	
8	374 388	$\frac{375}{389}$	376 390	$\frac{378}{392}$	$\frac{379}{398}$	$\frac{381}{395}$	$\frac{382}{396}$	$\begin{array}{c} 383 \\ 397 \end{array}$	385 399	386 400	2	
9	402	403	404	406	407	408	410	411	413	414	ī	
	Į											
$\begin{array}{c} 3120 \\ 1 \end{array}$	415	417	418	420	421	422	424	425	427	428	1	
2	429 443	431 445	$\frac{432}{446}$	434 447	$\begin{array}{c} 435 \\ 449 \end{array}$	436 4 5 0	$\frac{438}{452}$	439 453	441 454	442 456	1 1	
3	457	459	460	461	463	464	466	467	468	470	i	
4	471	472	474	475	477	478	479	481	482	484	1	
5	485	486	488	489	491	492	493	495	496	400	1	
6	499	500	502	503	504	506	507	509	510	498 511	2	
7	513	514	516	517	518	520	521	523	524	525	2	
8	527	528	529	531	532	534	585	536	588	539	2	
9	541	542	543	545	546	547	549	550	552	553	1	
3130	554	556	557	559	560	561	563	564	566	567	1	
1	568	570	571	572	574	575	577	578	579	581	î	
2 3	582	584	585	586	588	589	590	592	593	595	1	
4	596 610	597 611	599 613	600	602	603	604	606	607	609	1	
	010	011	0.79	614	615	617	618	620	621	622	2	
5	624	625	627	628	629	631	632	633	635	636	2	
6 7	638	639	640	642	643	645	6 46	647	649	650	1	i
8	651 665	653 667	654	656	657	658	660	661	663	664	1	
9	679	681	$\begin{array}{c} 668 \\ 682 \end{array}$	669 683	$\begin{array}{c} 671 \\ 685 \end{array}$	672 686	$\begin{array}{c} 674 \\ 687 \end{array}$	675	676	678	1	
0.7.10					000	300	001	689	690	692	1	
3140 1	693	694	696	697	698	700	701	703	704	705	2	
2	707 721	$\begin{array}{c} 708 \\ 722 \end{array}$	$\begin{array}{c} 710 \\ 723 \end{array}$	$\begin{array}{c} 711 \\ 725 \end{array}$	712	714	715		718	719	2	
3	734	736	7 3 7	739	$\begin{array}{c} 726 \\ 740 \end{array}$	728 741	729 743	730	732	783	1	
4	748	750	751	752	754	755	743 757	744 758	745 759	747 761	1	
5	762	763	765	700	m.c.o	# • •						
6	776	777	779	766 780	768 781	769	770	772	773	774	2	
7	790	791	792	794	795	783 797	784 798	786 799	787	788	2	•
8	803	805	806	808	809	810	812	813	$\begin{array}{c} 801 \\ 815 \end{array}$	802 816	1	
9	817	819	820	821	823	824	826	827	828	880	1	
3150	831	832	834	835	837	838	839	0 4 1	0.40	0.45		
	,			- 30		000	099	841	842	843	2	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3150 1 2 3	-49	831 845 859	832 846 860	834 848 861	835 849 863	837 850 864	838 852 866	839 853 867	841 854 868	842 856 870	843 857 871	2 2 1	
3 4		872 886	874 888	875 889	87 7 890	878 892	879 893	881 894	882 896	883 897	885	1	
5 6		900 914	901 915	908 916	904 918	905 919	907 921	908 922	910 923	911 925	912 926	2	
7 8 9		927 941 955	929 943 956	930 944 958	932 945 959	933 947 960	934 948 962	936 949 963	937 951 965	938 952 966	940 954 967	$egin{array}{c c} 1 \\ 1 \\ 2 \end{array}$	
3160		969 982	970 984	971 985	973 987	974 988	976 989	977 991	978 992	980 993	981 995	1 1	
2 3 4	∙50	996 010 024	$998 \\ 011 \\ 025$	$ \begin{array}{c} 999 \\ 013 \\ 026 \end{array} $	*000 014 028	*002 015 029	*003 : 017 031	*004 018 032	*006 020 033	*007 021 035	*009 022 036	1 2 1	
5 6		03 7 051	$039 \\ 052$	040 054	041 055	043 057	044 058	046 059	047 061	048 062	050 063	1 2	
7 8 9		$065 \\ 079 \\ 092$	066 080 094	068 081 095	069 083 096	070 084 098	072 085 099	073 087 100	$074 \\ 088 \\ 102$	$076 \\ 089 \\ 103$	077 091 105	2 1 1	
3170 1		$\begin{array}{c} 106 \\ 120 \end{array}$	$\begin{array}{c} 107 \\ 121 \end{array}$	109 122	$110 \\ 124$	$111 \\ 125$	$\begin{array}{c} 113 \\ 126 \end{array}$	114 128	116 129	117 131	118 132	2	
2 3 4		133 147 161	135 148 162	136 150 163	187 151 165	$139 \\ 152 \\ 166$	140 154 168	142 155 169	143 157 170	144 158 172	146 159 173	1 2 1	
5 6		174 188	176 189	177 191	178 192	180 194	181 195	183 196	184 198	185 199	187 200	1 2	
7 8 9		202 215 229	203 217 230	204 218 232	206 219 233	207 221 235	209 222 236	210 224 237	211 225 239	$218 \\ 226 \\ 240$	214 228 241	1 1 2	
3180 1		$\frac{248}{256}$	244 258	245 259	247 260	248 262	250 263	251 265	252 266	254 267	255 269	1	
$\begin{array}{c} 2\\ 3\\ 4\end{array}$		$270 \\ 284 \\ 297$	271 285 299	273 286 300	274 288 301	275 289 303	277 290 304	278 292 305	280 293 307	281 295 308	282 296 310	$\begin{vmatrix} 2\\1\\1 \end{vmatrix}$	
5 6		311 325	312 326	$\frac{314}{327}$	315 329	316 330	3 18 331	319 333	320 334	322 335		2	
7 8 9		338 352 365	340 358 367	341 355 368	342 356	$\begin{array}{c} 344 \\ 357 \end{array}$	345 359 372	346 360 374	348 361 375	349 3 63 376	364	2 1 1	
3190		379 393		382 395			386 899	387 401	389 402		405		
2 3 4		406 420 433	408 421	409 423 436	424	425	413 427 440	414 428 442			432	1	
5		447	448	450	451	453	454 467		457				
6 7 8		461 474 488	476		478	480 493	481 495	48 2 496	484 497	485	486 500	$egin{array}{c} 2 \\ 1 \end{array}$	
9		501					508 522						

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No.		0	1	2	3	4	5	6	7	8	9	1).	P.P
3200	.50	515	516	518	519	520	522	523	524	526	527	2	
1		529	530	531	533	534	535	537	538	539	541	1	
2		542	543	545	546	548	$\begin{array}{c} 549 \\ 562 \end{array}$	$\begin{array}{c} 550 \\ 564 \end{array}$	552 565	553 567	564 568	1	
3 4		556 5 6 9	557 571	558 5 72	$\begin{array}{c} 560 \\ 573 \end{array}$	561 575	576	577	579	580	581	2	
5		58 3	584	586	587	588	590	591	592	594	595 609	1	
6		596	598	$\begin{array}{c} 599 \\ 613 \end{array}$	$\begin{array}{c} 600 \\ 614 \end{array}$	$\begin{array}{c} 602 \\ 615 \end{array}$	608 617	$604 \\ 618$	606 61 9	$\begin{array}{c} 607 \\ 621 \end{array}$	622	1	
7 8		$610 \\ 623$	$611 \\ 625$	626	627	629	630	632	683	634	636	1	
9		637	638	640	641	642	644	645	646	648	649	2	
3210		651	652	653	655	656 669	657 671	$\begin{array}{c} 659 \\ 672 \end{array}$	660 678	$\frac{661}{675}$	663 676	1 2	
$egin{smallmatrix} 1 \ 2 \end{smallmatrix}$		664 678	$\begin{array}{c} 665 \\ 679 \end{array}$	667 680	$\begin{array}{c} 668 \\ 682 \end{array}$	683	684	086	687	688	690	1	
3	1	691	692	694	695	696	698	699	701	702	703	2	
4		705	706	707	709	710	711	713	714	715	717	1	
5 - 6		718 732	719 733	$721 \\ 734$	722 736	$\frac{724}{737}$	725 738	726 740	728 741	729 742	780 744	2	
7	l	745	746	748	749	751	752	753	755	750	757	2	
8		759	760.	761	768	764	765	767	768	769	771	1	
9		772	773	775	776	777	779	780	782	783	784	2	
3220	}	786	787	788	790	791	792	794 807	795 800	796 810	798 811	1 2	
$egin{smallmatrix} 1 \\ 2 \end{smallmatrix}$		799 813	$\begin{array}{c} 800 \\ 814 \end{array}$	$\begin{array}{c} 802 \\ 815 \end{array}$	803 817	8 04 818	806 819	821	822	823	825	11	
3	1	826	827	829	830	831	833	884	885	887	888	2	
4		840	841	842	844	845	846	848	849	850	863	1	
5		853	854	856	857	858	860	861	862	864	865	1	
6 7	1	866 880	868 881	869 888	870 884	872 885	873 887	875 888	876 889	877 891	879 892	1 1	
8		893	895	896	897	899	900	901	903	904	905	2	
9		907	908	909	911	912	914	915	916	918	919	1	
3230		920	922	923	924	926	927	928	980	981	932	2	
$egin{array}{c} 1 \\ 2 \end{array}$	}	934 947	$935 \\ 948$	986 950	988 9 51	$\begin{array}{c} 989 \\ 958 \end{array}$	940 954	942 955	948 957	944 958	946 959	1 2	
3		961	962	963	965	966	967	969	970	971	978	î	
4		974	975	977	978	979	981	982	880	985	986	1	
5 6	.51	987 001	989 002	990 004	991 005	998 006	994 008	995 009	997 010	998 012		1	
7	0,1	014	016	017	018	020	021	022	024	025	013	1 2	
8		028	029	080	082	088	084	086	087	088	040	1	
9		041	042	044	045	046	048	049	050	052	053	2	
3240 1		055 068	056 069	057 071	059 072	060 078	061 075	068 076	064	065	067	1	1
2	}	081	088	084	085	087	088	089	077	079	080	2	
3		095	096	097	099	100	101	108	104	105	107	1	1
4		108	109	111	112	118	115	116	117	119	120	1	
5 6		121 135	123 136	124 138	125 139	127 140	128 142	129 143	181 144	182 146	184 147	1	
7		148	150	151	152	154	155	156	158	159	160	1 2	
8 9		162 175	168	164	166	167	168	170	171	179	174	1	
			176	178	179	180	182	183	184	186	187	1	
3250		188	190	191	192	194	195	196	198	199	200	2	

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0 1 2 3 4	·51 188 202 215 228 242	$\frac{203}{216}$	191 204 218 231 244	192 206 219 232 246	194 207 220 234 247	195 208 222 235 248	196 210 223 236 250	198 211 224 238 251	199 212 226 239 252	200 214 227 240 254	2 1 1 2 1	, ya - quindhuribharinna
5 6 7 8 9	255 268 282 295 308	270 283 296	258 271 284 298 311	259 272 286 200 312	260 274 287 300 314	262 275 288 302 315	263 276 290 303 316	264 278 201 304 318	266 279 292 306 319	267 280 294 307 320	1 2 1 1 2	
0 1 2 3 4	322 335 348 362 375	336 350 363	324 338 351 364 378	326 339 352 366 379	327 340 354 367 380	828 342 355 368 382	330 343 356 370 383	331 344 358 371 384	382 346 359 372 386	\$34 347 360 374 387	1 1 2 1 1	
5 6 7 8 9	388 402 415 428 441	408 416 480	391 404 418 431 444	392 406 419 432 445	394 407 420 484 447	395 408 422 435 448	396 410 423 436 449	308 411 424 438 451	399 412 426 439 452	400 414 427 440 453	2 1 1 1 2	
0 1 2 3 4	455 468 481 495 508	469 488 496	457 471 484 497 511	459 472 485 499 512	460 473 487 500 513	401 475 488 501 514	403 476 489 503 516	464 477 491 504 517	465 479 492 505 518	467 480 493 507 520	1 1 2 1 1	
5 6 7 8 9	521 534 548 561 574	586 549 562	524 537 550 564 577	525 538 552 565 578	526 540 553 566 579	528 541 554 568 581	529 542 546 569 582	530 544 557 570 583	532 545 558 571 585	588 546 560 578 586	1 2 1 1	
1 2 3 4	587 601 614 627 640	602 615 628	590 603 617 630 643	591 605 618 631 644	593 606 619 682 646	594 607 620 634 647	595 609 622 635 648	597 610 623 636 650	698 611 624 638 651	599 618 626 639 652	2 1 1 1 2	
5 6 7 8 9	654 667 680 693 706	068 081 695	656 669 683 696 709	658 671 684 697 710	659 672 685 698 712	660 673 687 700 713	661 675 688 701 714	668 676 689 702 716	664 677 691 704 717	665 679 692 705 718	2 1 1 1 2	
0 1 2 8 4	720 733 746 759 772	784 747 760	722 785 749 762 775	724 787 750 768 776	725 738 751 764 778	726 789 753 766 779	728 741 754 767 780	729 742 755 768 782	730 743 757 770 783	745 758	1 1 1 2	
5 6 7 8 9	786 799 812 825 838	800 818 826	788 801 815 828 841	789 803 816 829 842	791 804 817 830 843	792 805 818 832 845	798 807 820 838 846	795 808 821 834 847	796 809 822 836 849	797 811 824 837 850	211111	
0	851	853	854	855	857	858	859	861	862	863	2	
				Add	Propos	rtional I	'arts.					47

	I.		1	2	3	4	5	6	7	8	9	1).	P.P
3300	-51	851	853	854	855	857	858	859	861	862	868	2	Pr pu m
1	0.1	865	866	867	868	870	871	872	874	875	876	3	
$\tilde{2}$	1	878	879	880	882	883	884	886	887	888	890	1	
3		891	892	893	895	896	897	899	900	901	903	1	
4		904	905	907	908	909	911	912	913	915	916	1	
5		917	918	920	921	922	924	925	926 939	$928 \\ 941$	929 942	1	
6	1	930	$\frac{932}{945}$	$933 \\ 946$	934 947	$\begin{array}{c} 936 \\ 949 \end{array}$	93 7 950	938 951	953	954	955	2	
7 8		$\frac{943}{957}$	958	959	960	962	963	964	966	967	968	2	
9		970	971	972	974	975	976	978	979	980	981	2	
3310		983	984	985	987	988	989	991	992	993	995	1	
1		996	997		*000	*001		*004		*006	*008	. 1	
2	.52	009	010	01.2	013	014	016	017	018	030	021	1	
3		022	023	025	026	027	029	030	031	088	034	1	
4		035	037	038	039	040	042	048	044	046	047	1	
5		048	050	051	052	054	055	056	058	059	060	1	
6		061	063	064	065	067	068	069	071	072	073	2	
7 8		$\begin{array}{c} 075 \\ 088 \end{array}$	$\begin{array}{c} 076 \\ 089 \end{array}$	077 090	$\begin{array}{c} 078 \\ 092 \end{array}$	080 098	081 094	082 095	084 097	880 880	080	2	
9		101	102	103	105	106	107	109	110	111	113	ĩ	
3320		114	115	116	118	119	120	122	123	124	126	1	
1	1	127	128	130	131	132	133	135	136	137	139	i	
2	ł	140	141	143	144	145	146	148	149	150	152	1	
3	1	158	154	156	157	158	1.60	161	162	163	165	1	
4		166	167	169	170	171	173	174	175	177	178	1	
5		179	180	182	183	184	186	187	188	190	191	1	
6		192	194	195	196	197	199	200	201	203	204	1	
7 8	Į	205 218	$\begin{array}{c} 207 \\ 220 \end{array}$	208 221	$\frac{209}{222}$	$\frac{211}{224}$	212 225	218 226	214 227	216	217	1	
9		231	233	234	235	237	238	239	241	229 242	230 243	1	
3330		244	246	247	248	250	251	252	254	255	256	1	
i]	257	259	260	261	268	264	265	267	268	269	i	
2	}	270	272	273	274	276	277	278	280	281	282	2	
8	1	284	285	286	287	289	290	291	293	394	295	2	
4		297	298	299	800	802	303	304	806	307	808	2	
5		310	311	812	313	315	816	817	819	820	821	2	
6 7	}	323	324	325	827	328	329	880	382	888	884	2	
8	1	386 349	337 350	338 351	340 358	341 354	342 355	848 988	845	846	847	2	
9		362	868	364	866	367	368	369	358 371	359 872	360 873	2	
3340		375	876	377	379	880	381	882	384	385	386	2	
1	1	388	389	890	392	393	894	395	897		899		
2		401	402	408	405	406	407	408	410	411	412	3	
3		414	415	416	418	419	420	421	428	424	425	3	
4		427	428	429	481	482	488	484	486	437	488	2	
5		440	441	442	444	445	446	447	449	450	451	2	
6 7		458	454	455	456	458	459	460	462	468	464	2	
8		466 479	$\begin{array}{c} 467 \\ 480 \end{array}$	468 481	469 482	471	472	473	475	476	477	2	
9		492	493	494	495	484 497	4 8 5 498	486 499	488 501	489 502	490 503	2	
3350		504	506	507	508	510	511	512	514	515	516	1	

Vo.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
350 1	.52	504 517	506 519	507 520	508 521	510 523	511 524	512 525	514 527	515 528	516 529	1 1	Processing States of the Control of
2 3 4		530 543 550	532 545 558	533 546 559	534 547 560	536 549 561	587 550 563	538 551 564	539 552 565	541 554 567	542 555 568	1 1 1	
5 6 7		569 582 595	571 583 596	572 585 598	573 586 599	574 587 600	576 589 602	577 590 603	578 591 604	580 593 605	581 594 607	1 1 1	
9		$\begin{array}{c} 608 \\ 621 \end{array}$	$\begin{array}{c} 609 \\ 622 \end{array}$	$\begin{array}{c} 611 \\ 624 \end{array}$	$\begin{array}{c} 612 \\ 625 \end{array}$	$\begin{array}{c} 618 \\ 626 \end{array}$	615 627	616 629	617 630	618 631	620 638	1 1	
360 1		634 647 660	635 648	$\frac{637}{649}$	$638 \\ 651 \\ 664$	639 652	640 653	642 655	643 656	644 657	646 658 671	1 2 2	
2 3 4		673 686	$661 \\ 674 \\ 687$	675 688	677 689	$\begin{array}{c} 665 \\ 678 \\ 691 \end{array}$	666 679 692	680 693	669 682 695	670 683 696	684 697	2 2	
5 6		699 711	700 713	$\begin{array}{c} 701 \\ 714 \end{array}$	702 715	704 717	705 718	$706 \\ 719$	$\frac{708}{720}$	$\begin{array}{c} 709 \\ 722 \end{array}$	$\begin{array}{c} 710 \\ 723 \end{array}$	1	
7 8 9		724 737 750	726 738 751	$727 \\ 740 \\ 753$	728 741 754	729 742 755	731 744 757	732 745 758	733 746 759	735 748 760	780 749 702	1 1 1	
370 1		763 776 789	764 777 700	766 778 791	767 780 793	768 781 794	769 782 795	771 784 796	772 785	773 786 799	775 787	1 2	
2 3 4		802 815	808 816	804 817	805 818	807 820	808 821	809 822	798 811 824	812 825	800 813 826	2 2 1	
5 6		827 840	829 842	830 848	881 844	888 845	834 847	848 848	836 849	838 851	889 862	1	
7 8 9		853 866 879	864 867 880	866 869 881	857 870 883	858 871 884	860 872 885	861 874 887	862 875 888	863 876 889	805 878 890	1 1 2	
180 1 2		892 905 917	898 906 919	894 907 920	896 908 921	897 910 922	898 911 924	899 912 925	901 914 926	902 915	903 916 929	2 1	
3		930 948	931 944	938 946	934 947	948 935	937 949	938 951	939 982 982	928 940 958	942 966	1 1	
5 6 7		956 969 982	957 970 983	958 971 984	960 978 985	961 974 987	962 975	964 976	965 978	966 979	967 980	22 77	
8	-58	994	996	99 7 010	998	999 012	988 *001 014	989 200* 410	990 *003 016	992 *005 017	998 +006 019	1 1 1	
390 1		020 033	021 034	028	024 037	025 038	026 0 89	028 040	029 042	080 043	081	2 2	
2 8 4		048 058 071	047 060 072	048 061 074	049 062 075	051 064 076	052 065 078	053 066 079	055 06 7 080	056 069 081	070 070 083	1	
5 6		084 097	085 098	087 099	088 101	089 102	090 103	092 104	098 106	094 107	095 108	2 2	
7 8 9		110 122 185	111 124 186	112 125 138	118 126 139	115 127 140	116 129 142	117 180 143	119 131 144	120 133 145	121 134 147	1 1	
400		148	149	150	152	153	154	156	157	158	159	2	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3400	·53 148	149	150	152	153	154	156	157	158	159	2	
1	161	162	163	164	166	167	168	170	171 184	$\frac{172}{185}$	1 1	
2	173	175	176	177	$\begin{array}{c} 179 \\ 191 \end{array}$	$\frac{180}{193}$	$\frac{181}{194}$	$\frac{182}{195}$	196	198	1	
3 4	186 199	$\begin{array}{c} 187 \\ 200 \end{array}$	$\begin{array}{c} 189 \\ 202 \end{array}$	$\begin{array}{c} 190 \\ 203 \end{array}$	204	205	207	208	209	210	2	
5	212	213	214	216	217	218	219	221	222	223	1	
6	224	226	227	228	230	$231 \\ 244$	$\frac{232}{245}$	233 246	285 247	236 249	1 1	
7	237	238 251	240 253	$\begin{array}{c} 241 \\ 254 \end{array}$	$\begin{array}{c} 242 \\ 255 \end{array}$	256	258	259	260	261	2	
8 9	250 263	264	265	267	268	269	270	272	273	274	1	
3410	275	277	278	279	281	282	283	284	286	287	1	
1	288	289	291	292	293	$\begin{array}{c} 295 \\ 307 \end{array}$	296 309	297 310	$\frac{298}{311}$	800 812	2	
2 3	301 314	302 315	303 316	305 317	30 6 319	320	821	323	324	325	î	
4	326	328	329	830	331	338	334	385	887	888	1	
5	339	340	342	343	344	345	847	848	849	351	1	
6	352	353	354	356	357	358	359	361	802	363 376		
7	364 377	366 378	367 380	368 381	370 382	371 384	$\begin{array}{c} 372 \\ 385 \end{array}$	378 386	875 887	889	lil	
8 9	390	391	392	394	395	396	398	899	400	401	2	
3420	403	404	405	406	408	409	410	411	413	414	1	
1	415	417	418	419	420	422	423	424	425	437	1	
2 8	428 441	429 442	431 443	$\frac{432}{444}$	$\frac{488}{446}$	484 447	$\frac{436}{448}$	437 450	438 451	489 452	2 1	
4	453	455	456	457	458	460	461	462	464	465	1	
5	466	467	469	470	471	472	474	475	476	477	2	
6	479	480	481	483	484	485	486	488	489	490	1	
7 8	491 504	493 505	$\frac{494}{507}$	495 508	496 509	498 510	499 512	500 513	502 514	508 515	2	
9	517	518	519	521	522	523	524	526	527	528	ī	
3430	529	531	532	533	584	586	537	538	540	541	1	
1	.542	548	545	546	547	548	550	551	552	558	2	
2 3	555 567	556 569	55 7 570	559 5 7 1	560 572	561 574	$\begin{array}{c} 562 \\ 575 \end{array}$	564 576	565 577	566 579		
4	580	581	583	584	585	586	888	589	590	591	2	
5 6	598	594	595	596	598	599	600	602	608	604	1	
7	605	607	608	609	610	612	618	614	615	617	1	
8	618 631	$\frac{619}{632}$	620 633	$\begin{array}{c} 622 \\ 684 \end{array}$	623 686	$\begin{array}{c} 624 \\ 687 \end{array}$	$\begin{array}{c} 626 \\ 688 \end{array}$	627 639	628 641	629 642	2 1	
9	643	644	646	647	648	650	651	652	658	655	i	
3440	656	657	658	660	661	662	668	665	666	667	1	
1	668	670	671	672	674	675	676	677	679	680	1	
2 3	681 694	682 695	684 696	685 697	686 699	687	689	690	691	692	2	
4	706	708	709	710	711	700 718	701 714	703 715	704 716	705 718	1	
5	719	720	721	728	724	725	726	728	729	780	2	
6	732	733	784	735	787	738	789	740	742	748	ī	
7 8	744	745	747	748	749	750	752	758	754	755	2	
9	757 769	758 771	$\begin{array}{c} 759 \\ 772 \end{array}$	$\begin{array}{c} 761 \\ 773 \end{array}$	$\begin{array}{c} 762 \\ 774 \end{array}$	763 776	764 77 7	766 778	767 779	768 781	1 1	6 8
3450	782	783	784	786	787	788	789	791	792	793	1	
50	<u> </u>									***************************************		

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3450	.53	782	783	784	786	787	788	789	791	792	793	1	
1		794	796	797	798	800	801	802	808	805	806	1	
2		807	808	810	811	812	818	815	816	817	818	2	
3		820	821	822	823	825	826	827	828	830	831	1	
4		832	888	835	836	837	839	840	841	842	844	1.	
5 6		$\frac{845}{857}$	$846 \\ 859$	$847 \\ 860$	849 861	850 862	851	852 865	854	855	856	1	
7		870	871	872	874	875	864 876	877	866 879	867 880	869 881	1 1	
8	}	882	884	888	886	888	889	890	891	893	894	i	
9		895	896	898	899	900	901	908	904	905	906	2	
3400		908	909	910	911	913	914	915	916	918	919	1	
1		920	921	923	924	925	926	928	929	980	931	2	
2		933	934	935	936	938	989	940	941	948	944	1	
3	1	945	947	948	949	950	952	953	954	955	957	1	
4		840	959	960	962	968	964	965	967	968	969	1	
5		970	072	973	974	975	977	978	979	980	982	1	
6 7		880 800	984 997	386 888	$\begin{array}{c} 987 \\ 999 \end{array}$	988 +000	989 900*	*008	992 *004	993 *005	994	1 1	
8	.54	008	009	010	012	013	014	015	017	018	019	1	
9		020	053	023	024	025	027	028	029	030	032	î.	
3470		033	034	035	087	038	089	040	042	048	044	1	
1		0.45	047	048	049	050	052	058	054	055	057	1	
2		058	059	060	062	063	064	005	067	068	069	1	
3 4		$\begin{array}{c} 070 \\ 083 \end{array}$	$072 \\ 084$	$\begin{array}{c} 078 \\ 085 \end{array}$	074 087	075 088	077 089	078 090	$\begin{array}{c} 079 \\ 092 \end{array}$	080 093	082 094	1 1	
5		095	097	098	099	100	102	103	104	105	107	1	
13	1	108	109	110	112	113	114	115	117	118	119	i	
7	Ì	120	122	123	124	125	137	128	129	130	133	i	
8	1	138	134	135	137	138	139	140	142	143	144	1	
9		145	147	148	149	150	152	153	154	155	157	1	
3480		158	159	160	162	168	164	165	167	168	169	1	
1	1	170	172	173	174	175	177	178	179	180	182	1	
2 8		183	184	185	187	188	189	190	192	198	194	1	
4		$\frac{195}{208}$	$\frac{197}{209}$	198 210	$\frac{199}{212}$	200 213	$\frac{202}{214}$	203 215	$\frac{204}{217}$	205 218	$\begin{array}{c} 207 \\ 219 \end{array}$	1	
5		220	222	223	224	225	227	228	229	230	231	2	
đ	1	238	234	235	236	238	239	240	241	248	244	ī	
7		245	246	248	249	250	251	253	254	255	250	2	
8		258	259	260	261	268	264	265	266	268	269	1	
9		270	271	273	274	275	276	278	279	280	281	2	
8490		288	284	285	286	288	289	290	291	292	294	1	
l o		295	296	297	299	300	301	302	304	305		1	
2 3	1	807 820	809 821	310 322	311 324	312 325	314 326	315 327	316 329	317 330	319 331	1	
4		882	334	835	336	337	339	340	341	342	843	2	
5		345	346	847	348	350	351	352	353	355	356	1	
G		357	358	360	361	362	363	365	866	367	368	2	
7	1	370	371	373	878	375	876	377	378	379	381	1	
8		382	383	384	386	387	888	389	391	392	393	1	
9		394	390	397	398	399	401	402	403	404	406	1	
3500	1	407	40%	409	411	412	413	414	415	417	411	1	

	1									***************************************			1	-
No.		0	1	. 2	3	4	5	6	7	8	9	1:). P.P	
3500	•5	4 40'	7 40								7 418	4 1	ene ratingua.	.76.
1	l	419											1	
3		435 444												
4		456	3 45	8 45	9 46	0 461	46	3 46	4 46					
5		469												
6 7		481 494					48' 50							
8		506					51:							
9		518	3 520	0 52	1 52	2 523	528	5 520	6 627	7 528	6 529	2		
3510		531					537							
1 2		543 555					549 549							
3		568	569				574							1
4		580	581	. 583	584	1 585	580	588	8 589	690	byt	2		
5		593					599							
6 7		605 617					611 629							İ
8		630	631	632	638	635	636	637				ī		-
9		642	043	644	640	647	648	049	051	652	653	1		İ
3520 1		654 667	656 668				660					2		
2		679	680				678 685				678 690			
3		691	692	694	695	696	697			701	702	2		
4		704	705	706	707	709	710	711	712	713	715	1		
5 6		716 728	717 729				722			726	727	1	1	1
7		741	742				734 747	786 748		738 750	739 752	2	1	١
8		753	754	755	757	758	759	760		763	764	1:	1	l
9		765	786	768	769	770	771	778	774	775	776	1		I
3530		777	779				784	785	786	787	789	1		I
1 2		790 802	791 808	792 805	793 806		796 808	797 809	798 811	800	801	1		ı
3		814	816	817	818	819	821	822	823	824 813	RIB	23		I
4		827	828	829	830	832	888	884	885	886	หลิห	ī		l
5 6		839	840	841	848	844	845	846	848	849	850	1		I
7		851 864	852 865	854 866	855 867	856 868	857 870	859	860	861	862	2		ı
8		876	877	878	879	881	882	871 888	872 884	878 886	875 887	1		ı
9		888	889	891	892	898	894	895	897	898	888	i		l
3540		900	902	903	904	905	906	908	909	910	911	2		l
2		918 925	$\frac{914}{926}$	915	916	91 7 930	919 981	920	921	922	924	1		ŀ
3		937	988	940	941	942	948	982 944	933 946	947	936 948	1 1		ı
4		949	951	952	958	954	955	957	958	959	960	2		
5		962	968	964	965	967	968	969	970	971	973	1		
6 7		974 986	$975 \\ 987$	976 989	978	979	980	981	982	984	985	1		
8		998	*000	*001	990 *002	991 *003	992 *004	#008	995 *007	# 0 00	997	1		l
9	·55	011	012	013	014	015	017	018	019	020	+009 022	2		
3550		023	024	025	027	028	029	080	031	033	034	1		
											,			

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3550	-55	023	024	025	027	028	029	080	031	033	034	1	
1		035 047	086	038 050	039 05 L	040 052	$\begin{array}{c} 041 \\ 053 \end{array}$	$\begin{array}{c} 042 \\ 055 \end{array}$	$044 \\ 056$	045	046	1	
2 3		000	$049 \\ 061$	062	063	064	066	007	068	057 069	058 071	$\begin{vmatrix} 2\\1 \end{vmatrix}$	
4		072	073	074	075	077	078	079	080	082	083	i	
n G		084 096	085 097	086 099	088 100	089 101	090 102	091 104	093 105	$\begin{array}{c} 094 \\ 106 \end{array}$	095	1	
7		108	110	111	112	113	114	116	117	118	107 119	1 2	
8 9		$\frac{121}{133}$	$\frac{122}{134}$	$\frac{123}{135}$	$\begin{array}{c} 124 \\ 136 \end{array}$	125 138	$\begin{array}{c} 127 \\ 139 \end{array}$	128 140	$\frac{129}{141}$	$\frac{130}{143}$	132 144	1 1	
3500		145	146	147	149	150	151	152	154	155	156	1	
1		157	158	160	161	162	163	165	166	167	168	il	
2		169	171	172	173	174	$\frac{175}{188}$	$\frac{177}{189}$	178	179	180	2	
3 4		182 194	183 195	184 196	185 197	186 199	200	201	$\frac{190}{202}$	$\begin{array}{c} 191 \\ 204 \end{array}$	193 205	1 1	
5		206	207	208	210	211	212	213	214	216	217	1	
6 7		$\frac{218}{230}$	$\begin{array}{c} 219 \\ 232 \end{array}$	221 233	222 234	223 235	224 236	225 238	$\frac{227}{239}$	$\begin{array}{c} 228 \\ 240 \end{array}$	$\frac{229}{241}$	1 1	
8		242	244	245	246	247	249	250	251	252	253	2	
9		255	256	257	ន្តមន	200	261	262	268	264	266	1	
3570 1		$\frac{267}{279}$	268 280	$\frac{269}{281}$	270 283	$\frac{272}{284}$	273 285	$\frac{274}{286}$	275 287	$\frac{277}{289}$	$\frac{278}{290}$	1 1	
2		291	292	294	295	296	297	298	300	301	302	1	
3 4		$\frac{303}{315}$	305 31 7	$\begin{array}{c} 306 \\ 318 \end{array}$	$\begin{array}{c} 307 \\ 319 \end{array}$	308 3 20	309 322	$\begin{array}{c} 311 \\ 323 \end{array}$	$\begin{array}{c} 312 \\ 324 \end{array}$	$\begin{array}{c} 313 \\ 325 \end{array}$	$\begin{array}{c} 314 \\ 326 \end{array}$	1 2	
5		328	329	330	881	332	334	335	336	337	339	1	
6 7		340	341	342	$\begin{array}{c} 343 \\ 356 \end{array}$	345 357	346 368	$\begin{array}{c} 347 \\ 359 \end{array}$	348 360	$\begin{array}{c} 349 \\ 862 \end{array}$	351	1	
8		$\frac{352}{364}$	353 365	$\frac{354}{366}$	308	869	370	371	373	374	363 375	1 1	
9		376	377	379	380	881	882	383	886	386	387	1	
3580 1		388 400	390 402	391 408	392 404	898 405	894 406	396 408	397 409	398 410	899 411	1 2	
$\tilde{\mathbf{a}}$		413	414	415	416	417	419	420	421	422	423	2	
3		425	420	427	428	430	481	482	433	434	436	1	
4		437	438	489	440	443	448	444	445	446	448	1	
5 6		449	450 462	451 463	$\begin{array}{c} 453 \\ 465 \end{array}$	454 466	455 467	456 468	457	459 471	460 472	1	
7		473	474	478	477	478	479	480	483	483	484	î	
8	İ	485	486	488	489	490	491	498	494	495	496	1	ļ
9		497	400	500	501	502	503	505	506	507	508	1	
3590 1		509	511	512 524	513	514	515	517	518 580	519 531	520 532	2 2	
2		522 584	523 585	536	525 537	526 538	528 540	529 541	542	548	545	ĩ	
8		546	547	848	549	551	552	553	554	555	557	1	
4		668	559	560	861	568	564	565	566	567	569	1	
5	1	570	571	572	574	675	576	577	578 590	580 592	581 598	1 1	
6 7		582 594	588 595	584 596	586 598	587 599	888 600	688 601	602	604	005	1	
8		606	607	609	610	611	613	613	615	616	617	1	
9		618	619	621	622	623	624	625	627	628	629	1	
8600	1	630	631	633	634	635	686	637	639	640	641	1	1

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3600	-55 630					636						
1 2	642					648						
3	666					660 672					1	
4	678					685					2	
5 6	691 703		693			697	698	699			2	
7	715		705 717		707 719	709 721	$710 \\ 722$	711 723			2 2	
8	727		$7\overline{2}9$		731	733	734	735			2	
9	739	740	741	742	744	745	746	747			1	
3610	751		753	754	756	757	758	759			1	
$\frac{1}{2}$	763 775	764 776	765 .777	766 778	768 780	769	770	771			1	
3	787	788	789	790	792	781 793	782 794	783 795			1 1	
4	799	800	801	802	804	805	806	807		810	ī	
5 6	811	812	813	814	816	817	818	819		822	1	
7	823 835	824 836	$\begin{array}{c} 825 \\ 837 \end{array}$	826	828	829	830	831		834	1	
8	847	848	849	838 850	$\begin{array}{c} \bf 840 \\ \bf 852 \end{array}$	841 8 53	$842 \\ 854$	843 855	844 856	846 858	1 1	
9	859	860	861	862	864	865	866	867	868	870	1	
3620	871	872	873	874	876	877	878	87 9	880	882	1	
$egin{array}{c} 1 \ 2 \end{array}$	883 895	884 896	885	886	888	889	890	891	892	894	1	
3	907	908	$\begin{array}{c} 897 \\ 909 \end{array}$	$\begin{array}{c} 898 \\ 910 \end{array}$	$\begin{array}{c} 900 \\ 912 \end{array}$	901 913	$\frac{902}{914}$	903	904	906	1	
4	919	920	921	922	924	925	926	915 927	$\begin{array}{c} 916 \\ 928 \end{array}$	$\frac{918}{930}$	1 1	
5 6	931	932	933	934	936	937	938	939	940	942		
7	943 955	944	$\begin{array}{c} 945 \\ 957 \end{array}$	$\frac{946}{958}$	948	949	950	951	952	954	1	
8	967	968	969	970	$\frac{960}{972}$	961 9 73	$\frac{962}{974}$	963 975	$\frac{964}{976}$	966	1 1	
9	979	980	981	982	983	985	986	987	988	$\begin{array}{c} 978 \\ 989 \end{array}$	1 2	
3630 1	991	992	993	994	995	997	998	999	*000	*001	2	
2	·56 003 015	$\begin{array}{c} 004 \\ 016 \end{array}$	$\begin{array}{c} 005 \\ 017 \end{array}$	$\begin{array}{c} 006 \\ 018 \end{array}$	007	009	010	011	012	013	2	i
3	027	028	029	030	$019 \\ 031$	$\begin{array}{c} 021 \\ 033 \end{array}$	$\begin{array}{c} 022 \\ 034 \end{array}$	023	024	025	2	
4	038	040	041	042	043	044	046	$\begin{array}{c} 035 \\ 047 \end{array}$	$\begin{array}{c} 036 \\ 048 \end{array}$	$\begin{array}{c} 037 \\ 049 \end{array}$	1 1	j
5 6	050	052	053	054	055	056	058	059	060	061	1	ł
7	$062 \\ 074$	064 076	065	066	067	068	070	071	072	073	1	ł
8	086	087	07 7 089	078 090	079 091	080	081	083	084	085	1	j
9	098	099	101	102	103	$\begin{array}{c} 092 \\ 104 \end{array}$	$\begin{array}{c} 093 \\ 105 \end{array}$	$\begin{array}{c} 095 \\ 107 \end{array}$	$\begin{array}{c} 096 \\ 108 \end{array}$	097 109	1 1	
3640	110	111	113	114	115	116	117	118	120	121		1
1 2	$122 \\ 134$	123	124	126	127	128	129	130	132	183	1 1	[
3	146	$135 \\ 147$	$\frac{136}{148}$	138 149		140	141	142	144	145	ī	i
4	158	159	160	161	15 1 163	$\begin{array}{c} 152 \\ 164 \end{array}$	$\begin{array}{c} 153 \\ 165 \end{array}$	$\begin{array}{c} 154 \\ 166 \end{array}$	155 167	157 169	1 1	
5	170	171	172	173	175	176	177	178	179			- 1
6 7	182		184	185	186	188	189	190	191	180 192	2 2	İ
8	$\begin{array}{c} 194 \\ 205 \end{array}$	$\begin{array}{c} 195 \\ 207 \end{array}$	196 208	197	198	200	201	202	203	204	1	1
9	217		220	$\begin{array}{c} 209 \\ 221 \end{array}$	$\begin{array}{c} 210 \\ 222 \end{array}$	$\begin{array}{c} 211 \\ 223 \end{array}$	$\begin{array}{c} 213 \\ 225 \end{array}$	$\begin{array}{c} 214 \\ 226 \end{array}$	215 227	216 228	1 1	ŀ
3650	229	230	232	233	234	235	236	238	239	240	1	
54				1337								

No.	erraner erre	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3650 1 2 3 4		229 241 253 265 277	230 242 254 266 278	232 244 255 267 279	233 245 257 269 280	234 246 258 270 282	235 247 250 271 283	236 248 260 272 284	238 250 261 273 285	239 251 263 274 286	240 252 264 276 288	1' 1 1 1	
5 6 7 8 9		280 301 312 324 336	290 302 314 326 337	291 303 315 327 339	292 304 316 328 340	293 805 317 329 841	295 307 318 330 342	296 308 320 331 343	297 309 321 333 345	298 310 322 334 346	299 311 323 335 347	2 1 1 1	
3660 1 2 3 4		348 360 872 884 396	349 361 873 385 397	350 362 374 386 398	852 864 875 887 899	353 365 377 388 400	354 366 378 390 401	355 867 879 891 408	356 368 380 392 404	358 369 381 393 405	359 371 383 394 406	1 1 1 2 1	
5 6 7 8 9		407 419 431 443 455	409 420 432 444 456	410 422 433 445 457	411 423 435 446 458	412 424 436 448 460	413 425 437 449 461	415 426 438 450 462	416 428 439 451 463	417 429 441 452 464	418 430 442 454 465	1 1 1 1 2	
8670 1 2 8 4		467 478 490 502	468 480 491 508 515	469 481 493 504 516	470 482 494 500 517	471 483 495 507 519	473 484 496 508 520	474 486 497 509 521	475 487 499 510 522	476 488 500 512 523	477 489 501 513 525	1 1 1 1	
5 6 7 8 9		526 588 549 561 578	527 539 551 562 574	528 540 552 564 575	529 541 553 565 577	530 542 554 566 578	532 543 555 567 579	538 545 556 568 580	584 546 558 569 581	535 547 559 571 582	536 548 560 572 584	2 1 1 1 1 1 1	
3680 1 2 3		585 597 608 620 682	508 508 610 621 633	587 599 611 628 684	588 600 612 624 685	590 601 618 625 637	501 602 614 626 638	592 604 615 627 639	598 605 617 628 640	594 606 618 630 641	595 607 619 631 648	2 1 1 1 1 1	
5 6 7 8 9		644 656 667 679 691	645 657 668 680 692	646 658 670 681 698	647 659 671 688 694	648 600 672 684 696	650 661 678 685 697	651 668 674 686 698	652 664 676 687 699	653 665 677 689 700	654 666 678 690 701	2 1 1 2	
8690 1 2 3		703 714 726 738 750	704 716 727 789 751	705 717 729 740 752	706 718 780 741 758	707 719 781 748 754	709 720 782 744 756	710 721 733 745 757	711 723 784 746 758	712 724 736 747 759	713 725 737 749 760	1 1 1 1	
5 6 7 8		761 778 785 797	768 774 786 798	764 776 787 799	765 777 788 800	766 778 790 801	767 779 791 808	768 780 792 804 815	770 781 798 805 817	771 783 794 806 818	772 784 796 807 819	1 1 1 1 1 1	
9 8700		808 820	810 821	811 828	812 824	813 825	814 826	827	828	880	831	1	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3700	.56	820 832	821 833	823 834	824	825	826 838	827	828 840	830	831 842	1 2	
$egin{array}{c} 1 \\ 2 \end{array}$		844	845	846	835 847	$\begin{array}{c} 837 \\ 848 \end{array}$	850	$839 \\ 851$	852	841 853	854	1	
3		855	857	858	859	860	861	862	864	865	866	1	
4		867	868	869	871	872	873	874	875	876	878	1	
5 6		879 891	880 892	881 893	882 894	884 895	885 896	886 898	887 8 9 9	888 900	889 901	2 1	
7		902	903	905	906	907	908	909	910	912	913	i	
8	1	914	915	916	917	919	920	921	922	923	925	1	
9		926	927	9 2 8	929	930	932	933	934	935	936	1	
3710 1		$937 \\ 949$	$939 \\ 950$	940 951	941 953	$942 \\ 954$	943 955	944 956	$946 \\ 957$	947 958	$948 \\ 960$	1 1	
2		961	962	963	964	965	967	968	969	970	971	i	
3		972	974	975	976	977	978	980	981	982	983	1	
4		984	985	987	988	989	990	991	992	994	995	1	
5 6	. # 77	996	997	998		*001				*005		2	
7	.57	008 019	$009 \\ 020$	$\begin{array}{c} 010 \\ 022 \end{array}$	$\begin{array}{c} 011 \\ 023 \end{array}$	$\begin{array}{c} 012 \\ 024 \end{array}$	$\begin{array}{c} 013 \\ 025 \end{array}$	$015 \\ 026$	$\begin{array}{c} 016 \\ 027 \end{array}$	$\begin{array}{c} 017 \\ 029 \end{array}$	018 030	1 1	
8		031	032	033	034	036	037	038	039	040	041	2	
9		043	044	045	046	047	048	050	051	052	053	1	
3720		054	055	057	058	059	060	061	062	064	065	1	
$egin{array}{c} 1 \ 2 \end{array}$		066 078	$\begin{array}{c} 067 \\ 079 \end{array}$	068 080	069 081	$\begin{array}{c} 071 \\ 082 \end{array}$	$072 \\ 083$	073 085	074 086	075 087	076 088	2 1	
3		089	090	092	093	094	095	096	097	099	100	1	
4		101	102	103	104	106	107	108	109	110	111	2	
5		113	114	115	116	117	118	120	121	122	123	1	
6 7		$\begin{array}{c} 124 \\ 136 \end{array}$	$\frac{125}{137}$	$\begin{array}{c} 127 \\ 138 \end{array}$	$\frac{128}{139}$	$\begin{array}{c} 129 \\ 141 \end{array}$	$\frac{130}{142}$	131 143	$\begin{array}{c} 132 \\ 144 \end{array}$	$\frac{134}{145}$	$\begin{array}{c} 135 \\ 146 \end{array}$	$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	
8		148	149	150	151	152	153	155	156	157	158	ī	
9		159	160	162	163	164	165	166	167	169	170	1	
3730		171	172	173	174	176	177	178	179	180	181	2	
$egin{array}{c} 1 \\ 2 \end{array}$		$\begin{array}{c} 183 \\ 194 \end{array}$	$\frac{184}{195}$	$\frac{185}{196}$	$\begin{array}{c} 186 \\ 198 \end{array}$	$\begin{array}{c} 187 \\ 199 \end{array}$	188 200	$\frac{190}{201}$	$\begin{array}{c} 191 \\ 202 \end{array}$	192 203	$\begin{array}{c} 193 \\ 205 \end{array}$	1 1	
3		206	207	208	209	210	212	213	214	215	216	i	
4		217	219	220	221	222	223	224	226	227	228	1	
5		229	230	231	233	234	235	236	237	238	240	1	
6 7		$\frac{241}{252}$	$\begin{array}{c} 242 \\ 253 \end{array}$	$\begin{array}{c} 243 \\ 255 \end{array}$	$\frac{244}{256}$	$\begin{array}{c} 245 \\ 257 \end{array}$	246 258	$\frac{248}{259}$	249 260	$\begin{array}{c} 250 \\ 262 \end{array}$	$\begin{array}{c} 251 \\ 263 \end{array}$	1 1	
8		264	265	266	267	269	270	$\begin{array}{c} 255 \\ 271 \end{array}$	272	273	274	2	
9		276	277	278	279	280	281	283	284	285	286	1	*
3740		287	288	289	291	292	293	294	295	296	298	1	
$egin{array}{c} 1 \\ 2 \end{array}$		$\begin{array}{c} 299 \\ 310 \end{array}$	$\begin{array}{c} 300 \\ 312 \end{array}$	$\begin{array}{c} 301 \\ 313 \end{array}$	$\begin{array}{c} 302 \\ 314 \end{array}$	$\begin{array}{c} 303 \\ 315 \end{array}$	305 316	$\frac{306}{317}$	$\frac{307}{319}$	308	309	1	
3		322	323	$\begin{array}{c} 313 \\ 324 \end{array}$	325	327	328	329	330	320 331	$\begin{array}{c} 321 \\ 332 \end{array}$	$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	
4		334	335	336	337	3 38	339	341	342	343	344	1	
5		345	346	348	349	350	351	352	353	354	356	1	
6 7		357 368	$\frac{358}{370}$	$\begin{array}{c} 359 \\ 371 \end{array}$	$\begin{array}{c} 360 \\ 372 \end{array}$	$\begin{array}{c} 361 \\ 373 \end{array}$	363 374	364 375	365	366	367	1	
8		380	381	382	383	385	386	387	$\begin{array}{c} 376 \\ 388 \end{array}$	$\frac{378}{389}$	379 390	1 2	
9		392	393	394	395	396	397	398	400	401	402	ĩ	
3750		403	404	405	407	408	409	410	411	412	414	1	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3750	.57	403	404	405	407	408	409	410	411	412	414	1	
$egin{array}{c} 1 \\ 2 \end{array}$		$\frac{415}{426}$	416	417	418	419	420	422	423	424	425	1	
3		438	$\frac{427}{439}$	$\frac{429}{440}$	$\frac{430}{441}$	431 442	$\begin{array}{c} 432 \\ 444 \end{array}$	$\frac{433}{445}$	$\begin{array}{c} 434 \\ 446 \end{array}$	$\frac{436}{447}$	$\begin{array}{c} 437 \\ 448 \end{array}$	1 1	
4		449	451	452	453	454	455	456	458	459	460	1	
5 6		$\begin{array}{c} 461 \\ 473 \end{array}$	$\begin{array}{c} 462 \\ 474 \end{array}$	463 475	464 476	466 477	467 478	$\frac{468}{479}$	469 481	470 482	471	2	
7		484	485	486	488	489	490	491	492	493	$\frac{483}{495}$	1 1	
8		496	497	498	499	500	501	503	504	505	506	ī	
9		507	208	510	511	512	513	514	515	516	518	1	
3760		519	520	521	522	523	525	526	527	528	529	1	
1 2		$\begin{array}{c} 530 \\ 542 \end{array}$	$\begin{array}{c} 531 \\ 543 \end{array}$	$\begin{array}{c} 533 \\ 544 \end{array}$	$\begin{array}{c} 584 \\ 545 \end{array}$	$\begin{array}{c} 535 \\ 546 \end{array}$	$\begin{array}{c} 536 \\ 548 \end{array}$	$\begin{array}{c} 587 \\ 549 \end{array}$	$\begin{array}{c} 538 \\ 550 \end{array}$	$\begin{array}{c} 540 \\ 551 \end{array}$	$\begin{array}{c} 541 \\ 552 \end{array}$	1 1	
2 3		568	555	556	557	558	559	560	561	563	564	1	
4		565	566	567	568	570	571	572	573	574	575	1	
5 6		576 588	578 580	579	580	581	582	58 3	585	586	587	1	
7		600	589 601	$\begin{array}{c} 590 \\ 602 \end{array}$	$\begin{array}{c} 591 \\ 603 \end{array}$	593 604	$\frac{594}{605}$	$\begin{array}{c} 595 \\ 606 \end{array}$	$\begin{array}{c} 596 \\ 608 \end{array}$	$\begin{array}{c} 597 \\ 609 \end{array}$	$\frac{598}{610}$	2	
8		611	612	613	615	616	617	618	619	620	621	2	
Ð		623	624	625	626	627	628	630	631	632	633	1	
8770 1		$634 \\ 646$	$\begin{array}{c} 635 \\ 647 \end{array}$	$\begin{array}{c} 636 \\ 648 \end{array}$	638 649	639	$\begin{array}{c} 640 \\ 651 \end{array}$	$\begin{array}{c} 641 \\ 653 \end{array}$	$\begin{array}{c} 642 \\ 654 \end{array}$	$\begin{array}{c} 643 \\ 655 \end{array}$	$\begin{array}{c} 645 \\ 650 \end{array}$	1 1	
2		657	658	659	661	662	663	064	065	666	668	1	
3	ĺ	669	670	671	672	673	674	676	677	678	679	1	
4		680	681	682	684	685	686	687	688	689	691	1	
5		692	693	$\begin{array}{c} 694 \\ 705 \end{array}$	695 707	696	$\begin{array}{c} 697 \\ 709 \end{array}$	699 710	700 711	$701 \\ 712$	$702 \\ 714$	1	
6 7		703 715	$704 \\ 716$	717	718	708 719	720	722	723	724	725	1 1	
8	1	726	727	728	730	731	732	733	734	735	737	1	
9		738	739	740	7-11	742	743	745	746	747	748	1	
3780		$749 \\ 701$	$\begin{array}{c} 750 \\ 762 \end{array}$	751	753	754	755 766	$\frac{756}{768}$	757 769	758 770	760 771	1 1	
1 2	1	772	773	$763 \\ 774$	764 776	765 7 77	778	779	780	781	782	2	
3		784	785	786	787	788	789	791	792	793	794	1	
4		795	796	797	799	800	801	802	808	804	805	2	
5		807	808	809	810	811	812	813	815	816	817	1	
6 7		818 830	819 831	820 832	822 833	$\begin{array}{c} \textbf{828} \\ \textbf{834} \end{array}$	824 835	$825 \\ 836$	826 838	$\begin{array}{c} 827 \\ 839 \end{array}$	828 840	2	1
8	1	841	842	843	844	846	847	848	849	850	851	ī	
9		852	854	855	856	857	858	859	860	862	863	1	
8790		864	865	866	867	869	870	871	872 883	873 885	874 886	1 1	
1 2		875 887	877 888	878 889	879 890	880 891	881 893	882 894	895	896	897	1	
3	1	898	899	901	902	903	904	905	906	907	909	1	1
4		910	911	912	913	914	915	917	918	919	920	1	
5		921	922	923	925	926	927	928	$929 \\ 941$	$930 \\ 942$	931 · 943	2	
6 7		$938 \\ 944$	934 945	935 946	936 947	$987 \\ 949$	938 950	939 951	952	942	954	1	
8		955	957	958	959	960	961	962	963	965	966	1	
9		967	968	969	970	972	973	974	975	976	977	1	
3800		978	980	981	982	983	984	985	986	988	989	1	

LOGS.

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3800	.57 978	980	981	982	983	984	985	986	988	989	1	
1	990	991	992	993	994	995	997	998		*000	1	
2	∙58 001	002	003	005	006	007	008	009	010	011	2	
3	013	014	015	016	017	018	019	021	022	023	1 1	
4	024	025	026	027	029	030	031	032	033	034	1	
5	035	037	038	039 050	040 051	$041 \\ 053$	$042 \\ 054$	$043 \\ 055$	$045 \\ 056$	046 057	1 1	
6	047 058	048 059	$049 \\ 061$	062	063	064	065	066	067	069	i	
7 8	070	071	072	073	074	075	077	078	079	080	i	
9	081	082	083	085	080	087	988	089	090	091	1	
3810	092	094	095	096	097	098	099	100	102	103	1	
1.	104	105	106	107	108	110	111	112	113	114	!	
2	115	116	118	119	120	121	122	123	124	126	!	
3	127	128	129	130	131	182	$\frac{184}{145}$	135 146	186 147	137 148	1 1	
4	138	139	140	141	143	144	140	1.40	141	Tato		
5	149	151	1.52	153	154	155	156	157	159	160	1	
6	161	162	163	164	165	$\frac{167}{178}$	168 179	169 180	170 181	171 182	2	
7 8	172 184	$\frac{173}{185}$	$\frac{174}{186}$	$\begin{array}{c} 176 \\ 187 \end{array}$	177 188	189	190	193	193	194	i	'
9	195	196	197	198	200	201	202	203	204	205	i	
3820	206	207	209	210	211	212	213	214	215	217	1	
1.	218	219	220	221	222	223	225	226	227	말았던	1	
2 3	229	230	231	232	284	235	236	237	238	239	!!	
	240	242	243	244	245	246	247	248	250	251	1	
4	252	253	254	255	256	257	259	260	261	262	1	
5	263	264	265	267	268	269	270	271	272	273	1	
6	274	276	277	278	279	280	281	282	284	285	1	
7 8	286 297	287 298	288 209	289 301	$\begin{array}{c} 290 \\ 302 \end{array}$	292 303	293 304	294 305	295 206	296 307	2	
9	309	310	311	312	313	314	815	816	818	319	ī	
3830	820	821	322	323	824	826	827	328	329	330	1	
1	331	332	333	385	336	337	338	339	840	341	2	
2	343	344	345	346		848	849	850	852	858	1	
3 4	854	355	356	857	858	360	861	862	363	864		
ļ	365	366	367	369	870	371	872	378	874	875	3	
5	877	378	879	380	881	882	888	884	386	887	1	
6 7	388	889	390	891	892	894	895	896	897	898		
8	399 410	400 412	401 418	408 414	404 415	405	406	407	408	409 421	1	
ğ	422	428	424	425	426	416 427	$\frac{417}{429}$	418 480	420 431	482	i	
3840	488	484	485	437	438	489	440	441	442	448	1	
1	444	446	447	448	449	450	451	452	453	488	i	
2	456	457	458	459	460	461	463	464	465	466	i	
3	467	468	469	470	472	478	474	475	476	477	1	
4	478	479	481	482	488	484	485	486	487	489	1	
5	490	491	492	498	494	495	496	498	499	500	1	
6 7	501	502	508	504	505	507	508	509	510	511	1	
8	512 524	513 525	514 526	516 527	517	518	519	520	521	522 524	2	
9	585	536	587	538	528 589	529 540	530 542	581 548	533 544	534 545	1	
3850	546	547	548	549	551	552	553	554	555	556	1	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3850	·58	546	547	548	549	551	552	553	554	555	556	1	
$\begin{array}{c c} 1 \\ 2 \end{array}$		557 569	558 570	560 571	$\begin{array}{c} 561 \\ 572 \end{array}$	562 573	$\frac{563}{574}$	$\begin{array}{c} 564 \\ 575 \end{array}$	565 577	566 578	568 579	1 1	1
3		580	581	582	583	584	586	587	588	589	590	i	
4		591	592	59 3	595	596	597	598	599	600	601	1	
5		602	604	605	606	607	608	609	610	611	613	1	
6 7		$\begin{array}{c} 614 \\ 625 \end{array}$	$\begin{array}{c} 615 \\ 626 \end{array}$	$\begin{array}{c} 616 \\ 627 \end{array}$	$\begin{array}{c} 617 \\ 628 \end{array}$	$\begin{array}{c} \textbf{618} \\ \textbf{629} \end{array}$	619 631	$\begin{array}{c} 620 \\ 632 \end{array}$	$622 \\ 633$	$\begin{array}{c} 623 \\ 634 \end{array}$	$\begin{array}{c} 624 \\ 635 \end{array}$	1 1	
8		636	637	638	640	641	642	648	644	645	646	1	1
9		647	649	650	651	652	628	654	655	656	658	1	
3860		659	660	661	662	668	664	665	667	668	669	1	
1 9		670 681	$\begin{array}{c} 671 \\ 682 \end{array}$	$\begin{array}{c} 672 \\ 683 \end{array}$	$\begin{array}{c} 678 \\ 685 \end{array}$	$\begin{array}{c} 674 \\ 686 \end{array}$	676 687	$\begin{array}{c} 677 \\ 688 \end{array}$	$\begin{array}{c} 678 \\ 689 \end{array}$	679 690	$\begin{array}{c} 680 \\ 691 \end{array}$	1 1	
2 3		692	694	695	696	697	698	699	700	701	703	i	
4		704	705	700	707	708	709	710	712	713	714	1	
5		715	716 727	$717 \\ 728$	718 730	719 731	$\begin{array}{c} 721 \\ 732 \end{array}$	$\begin{array}{c} 722 \\ 783 \end{array}$	$\frac{723}{784}$	724 735	725	1 1	
6 7		$\begin{array}{c} 726 \\ 787 \end{array}$	739	740	741	742	743	744	745	746	786 748	1	
8		749	750	751	752	753	754	755	757	758	759	1	
9		760	761	762	763	764	765	767	708	769	7 70	1	
3870		771 782	$772 \\ 783$	773 785	$774 \\ 786$	776 787	777 788	778 780	779 790	780 791	781 792	1 2	
$\frac{1}{2}$		794	795	796	797	798	799	800	801	808	804	1	
- 8		805	806	807	808	809	810	811	813	814	815	1	
4		816	817	818	819	820	822	823	824	825	826	1	
5		827	828	829	881	882	833	884	835	836	887	1	
6 7		838 850	$\begin{array}{c} 889 \\ 851 \end{array}$	841 852	$842 \\ 853$	843 854	844 855	845 856	846 857	847 859	848 860	2	
8		861	862	808	864	865	866	867	869	870	871	1	
9		872	878	874	875	876	878	879	880	881	882	1	
8880		888	884	885	887	888	889	890	891	892	898	1	
1 2		894 906	895 907	897 908	898 909	899 910	900 911	901 912	902 918	908 915	904 916	2	
3		917	918	919	920	921	922	928	925	926	927	1	
4		928	929	930	931	932	934	935	986	937	988	1	
5		989	940	941	942	944	945	946	947	948	949	1	
6 7		950 961	951 963	953 964	954 965	955 966	956 967	957 968	958 969	959 970	$960 \\ 972$	1 1	
7 8	1	973	974	975	976	977	978	979	980	982	988	1	}
9		984	985	986	987	988	989	990	992	998	994	1	
ลหล่ง	-	995	996	997	998	999			*008			1 1	[
1 2	.28	006	007 018	008 020	051 008	011 022	012 023	018 024	014 025	015 026	016 027	1	
8		028	080	031	032	033	084	035	036	037	038	2	
4		040	041	042	043	044	045	046	047	049	050	1	
5		051	052	058	054	055	056	057	059	060 071	061 072	1 1	
6 7		062 078	063 074	064 075	065 076	066 077	067 079	080 080	070 081	082	083	1	
8		084	085	086	088	089	090	091	092	093	094	1	
9		095	096	098	099	100	101	102	103	104	105	1	
8900		106	108	109	110	111	112	113	114	115	116	2	

J900												
No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3900	·59 106	108	109	110	111	112	113	114	115	116	2	
1	118	119		121	122	123	124	125	127	128	1	
2	129	130		132	133	134	135	137	138	139	1	
3 4	140 151	$\frac{141}{152}$		143 154	144 155	145 157	$\begin{array}{c} 147 \\ 158 \end{array}$	148 159	149 160	150 161	1	
5 6	162	163		165	167	168	169	170	171	172	1	
7	173 184	174 185		177 188	178 189	179 190	180 191	181 192	182 193	183	1	ĺ
8	195	197		199	200	201	202	203	204	205	2	
9	207	208	209	210	211	212	213	214	215	217	ī	
3910 1	218 229	$\frac{219}{230}$	$\frac{220}{231}$	$\begin{array}{c} 221 \\ 232 \end{array}$	$\begin{array}{c} 222 \\ 233 \end{array}$	223 234	$\frac{224}{235}$	$\frac{225}{237}$	227	228	!	
2	240	$\frac{230}{241}$	$\begin{array}{c} 231 \\ 242 \end{array}$	243	244	245	247	248	238 249	289 250		
3	251	252	253	254	255	257	258	259	260	261	l i	1
4	262	263	264	265	267	268	269	270	271	272	1	
5 6	273 284	274 285	275	277	278	279	280	281	282	283	1	
7	295	200	286 298	288 299	289 300	290 301	291 302	292 303	293 304	294 305	1 1	
8	306	308	309	310	311	312	313	314	315	316	2	
9	318	319	320	321	322	328	324	325	326	327	2	
3920	329 340	330 341	$\frac{381}{342}$	$\frac{332}{343}$	333 344	334	335	336	337	339	1	
2	351	352	353	354	355	345 356	$\frac{346}{357}$	347 359	349 360	350 361	1	
3	362	363	364	365	866	367	368	370	871	879	li	
4	373	374	375	376	377	37 8	380	188	882	383	1	
5	384	385	886	387	888	389	391	892	898	394	1	
6 7	395 406	396 407	397 408	808 409	$\frac{309}{411}$	401 412	403	408	404	405	1	
8	417	418	419	420	422	423	413	414	$\frac{415}{426}$	416 427	1 1	
9	428	429	430	432	433	434	485	436	487	488	i	
3930	439	440	441	448	444	445	446	447	448	449	1	
1 2	$\frac{450}{461}$	$\frac{451}{462}$	$\frac{458}{464}$	454 465	$\begin{array}{c} 455 \\ 466 \end{array}$	456	457	458	459	460	1	
3	472	473	475	476	477	$\frac{467}{478}$	$\frac{468}{479}$	469 480	470 481	471 482	1	
4	483	485	486	487	488	489	490	491	492	498	i	
5 6	494	496	497	498	499	500	501	502	808	504	2	
7	506 517	507 518	508 519	509 520	510 521	511 522	512	818	614	515	25 25	
8	528	529	530	581	582	533	528 534	524 585	525 586	526 587	2	
9	539	540	541	542	548	544	545	546	547	948	2	
3940	550	551	552	553	554	555	556	557	558	560	1	
2	561 572	562 573	568 574	564 575	565 576	566	567	568	569	571	1	
8	583	584	585	586	576 587	577 588	578 589	579 590	591 580	582	1	
4	594	595	596	597	598	599	600	601	903	593 504	1	
5	605	606	607	608	609	610	611	612	614	615	ı	
7	616 627	$\begin{array}{c} 617 \\ 628 \end{array}$	618	619	620	621	622	623	625	626	1	
8	638	639	$629 \\ 640$	630 641	631 642	632 643	688	684	686	687	1	
9	649	650	651	652	653	654	$644 \\ 655$	$\begin{array}{c} 645 \\ 656 \end{array}$	647 658	659	1	
3950	660	661	662	663	664	665	666	867	669	670	1	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3950	-59		661	662	663	664	065	666	667	669	670	1.	
1 2		$\begin{array}{c} 671 \\ 682 \end{array}$	$\begin{array}{c} 672 \\ 683 \end{array}$	$\begin{array}{c} 673 \\ 684 \end{array}$	$\begin{array}{c} 674 \\ 685 \end{array}$	675 686	676 68 7	$\begin{array}{c} 677 \\ 688 \end{array}$	$\begin{array}{c} 678 \\ 689 \end{array}$	$\frac{679}{690}$	681 692	1	
3		693	694	695	696	697	698	699	700	701	703	1 1	
4		704	705	706	707	708	709	710	711	712	714	î	
5 6		$\begin{array}{c} 715 \\ 726 \end{array}$	716 727	$\begin{array}{c} 717 \\ 728 \end{array}$	$718 \\ 729$	$\frac{719}{730}$	720 731	$\begin{array}{c} 721 \\ 732 \end{array}$	$\begin{array}{c} 722 \\ 733 \end{array}$	$\begin{array}{c} 723 \\ 734 \end{array}$	$\frac{725}{736}$	1	
7		737	738	739	7.10	741	742	$74\overline{3}$	744	745	746	2	
8 9		748 759	$\begin{array}{c} 749 \\ 760 \end{array}$	$\begin{array}{c} 750 \\ 761 \end{array}$	$751 \\ 762$	$\begin{array}{c} 752 \\ 763 \end{array}$	$753 \\ 764$	$\begin{array}{c} 754 \\ 765 \end{array}$	$\begin{array}{c} 755 \\ 766 \end{array}$	$\begin{array}{c} 756 \\ 767 \end{array}$	$\begin{array}{c} 757 \\ 768 \end{array}$	2 2	
3960		770	771	772	778	774	775	776	777	778	779	1	
1		780	782	783	784	785	786	787	788	789	790	1	
2 3		$\begin{array}{c} 791 \\ 802 \end{array}$	$793 \\ 804$	$794 \\ 805$	795 806	$\begin{array}{c} 796 \\ 807 \end{array}$	797 808	798 809	799 810	800 811	$\begin{array}{c} 801 \\ 812 \end{array}$	1 1	
4		813	814	816	817	818	819	820	821	822	823	i	
5		824	825	827	828	829	830	831	832	833	834	1	
6 7		$835 \\ 846$	$\frac{836}{847}$	837 848	839 850	$\begin{array}{c} 840 \\ 851 \end{array}$	$\begin{array}{c} 841 \\ 852 \end{array}$	$842 \\ 853$	843 854	$\begin{array}{c} 844 \\ 855 \end{array}$	$846\\856$	1 1	
8		857	858	859	800	862	863	864	865	866	867	î	
Ð		808	809	870	871	872	874	875	876	877	878	1	
39 7 0		879 890	088 108	881 892	882 893	883 894	885 895	886 897	887 898	888 809	889 900	1	
2		901	902	903	904	905	906	907	909	910	911	î	
3		912	913	914	915	916	917	918	920	921	922	1	
-1		923	924	925	926	927	928	929	930	932	933	1	
5		984	935	936	937	938	939	940	941	942	944	1	
6 7		945 956	946 95 7	$\begin{array}{c} 947 \\ 958 \end{array}$	948 959	949 960	950 961	$\frac{951}{962}$	952 963	$\frac{953}{964}$	$\begin{array}{c} 954 \\ 965 \end{array}$	2	
8		906	968	969	970	971	972	973	974	975	976	1	
Đ		977	978	980	981	883	983	984	985	986	987	1	
8980		880	989	990	992	993	994	995	996	997	998	1	
1 2	-60	999 010	*000	*001 013	*002 013	*004 014	*005 016	017	*007 018	*008	*009 020	1	
8		021	032	023	024	025	026	028	029	080	031	1	
4		032	033	034	035	036	037	038	040	041	042	1,	
5		048	044	045	046	047	048	049	050	052	053	1	
6		054	055	056	057	058 080	059 070	000	061 072	$062 \\ 073$	$064 \\ 074$	1 2	
7 8		$\begin{array}{c} 065 \\ 076 \end{array}$	$\begin{array}{c} 066 \\ 077 \end{array}$	067 078	008 079	080 080	070	082	073	073	085	i	
9		086	087	089	090	091	092	093	094	095	096	1	
8990		097	098	099	101	103	108	104	105 116	106 117	107 118	1 1	
1 2		108	109 120	110	111	118 123	114 124	$\frac{115}{126}$	127	128	129	i	
8		130	131	132	133	134	185	136	138	139	140	1	l
4		141	142	143	144	145	146	147	148	150	151	1	
5 6		152 163	158 164	154 165	155 166	156 167	157 168	158 169	159 170	160 171	$\frac{161}{172}$	1 1	
7		173	175	176	177	178	179	180	181	182	183	1	
8		184	185	186	188	189	190	191	192	198	194	1	
9		195	196	197	198	199	201	202	203	204	205	1	
4000		206	207	208	209	210	211	213	214	215	216	1	

No.		0	1	2	3	4	5	6	7	8	9	1).	I	.P.
	- 00	000	217	228	239	249	260	271	282	293	304	10	- mirrocan	matrimum v
400 1	.60	$\frac{206}{314}$	325	336	347	358	369				412	lii		
2	1	423	433	444	455	466	477				520	11	ļ	
2 3		531	541	552	563	574	584				627	111	İ	
4		638	649	660	670	681	692	703	713	724	735	11		11
5		746	756	767	778	788	799	810 917		831	842	11	1	11
6		853 959	863 970	874 981	885	895 *002	906	*028		988 **********	949 *055	10	3	2 8
7 8	.81	066.	077	087	098	109	119	130		151	162	10	4	4
9	-	172	183	194	204	215	225	236		257	268	10	8	6 7
410		278	289	300	310	321	331	342		363	374	10	7	R
1		384	395	405	416	426	487	448		469	479	11	8	1.9
2		490	500	511	521	532	542	553		574	584	11	9	110
3 4		595 700	606 711	$\frac{616}{721}$	627 731	$\begin{array}{c} 637 \\ 742 \end{array}$	648 752	658 768		679 784	690 794	10		
5		805 909	815	826 980	886 941	847 951	857 962	868 972	878 982	888 993	*003	10		
6	·62		$\begin{array}{c} 920 \\ 024 \end{array}$	084	045	055	000	076		097	107	lii		
7 8	٠	118	128	138	149	159	170	180		201	211	10		
9		221	232	242	252	263	273	284	294	804	315	10	:	10
420		325	385	346	856	866	377	387	897	408	418	10	1	1
1		428	489	449	459	469	480	490	500	511	521	10	3	2
2 3		531 634	$\begin{array}{c} 542 \\ 644 \end{array}$	552 655	562 665	572 675	583 685	593 696	008 706	613 716	$\frac{624}{726}$	10	3	3
4		787	747	757	767	778	78 8	798	808	818	829	11	5	6
5		889	849	859	870	880	890	900	910	921	931	10	7	7
6		941	951	961	972	982	992			*022	+038	10	н	В
7	.68	048	058	068	073	088	094	104	114	124	184	10	Ð	U
8		144	155	165	175	185	195	205	215	925	286	10		
9		246	256	266	276	286	296	306	817	327	337	10		
430		347	357	367	377	887	397	407	417	428	438	10		
1		448 548	458	468	478	488	498	508	518	aga	aan	10		
2 3		649	558 659	568 6 69	$\begin{array}{c} 579 \\ 679 \end{array}$	589 689	599 699	609	610	620	axu	10		
4		749	759	769	779	789	799	709 809	719 819	729 829	739 889	10 10		9
5		849	859	869	879	889	899	909	919	929	pap	10	remande.	Proprosidence
6		949	959	969	979	988	998	*008	*018	*02H		10	2	1 2 3
7 8	.64		058	880	078	088	098	108	118	128	137	10	3	3
9		147 246	157 256	$\begin{array}{c} 167 \\ 266 \end{array}$	$\frac{177}{276}$	$\begin{array}{c} 187 \\ 286 \end{array}$	197 296	207 306	217 316	227 326,	237 335	10	4 8	4 5
440		345	855	365	375	385	395			424			6	a
1		444	454	464	478	488	498	404 508	414 518	424 528	484	10	7	6 7
2		542	552	562	572	582	591	601	611	62I	631	10	9	
3		640	650	660	670	680	689	699	709	719	729	9	811	,
4		788	748	758	768	777	787	797	807	816	826	10		
5 6		886	846	856	865	875	885	895	904	914	924	9		
7	-65	988 091	948	958	963	972	982	992			*021	10		1
8	.00	128	040 187	050 147	$060 \\ 157$	$\begin{array}{c} 070 \\ 167 \end{array}$	079	089	099	108	118	10		1
9		225	234	244	254	268	176 278	186 283	196 292	205 802	215 312	10		
450		321	881	841	350	860	369	379	389	398	408	10		
				-	4.7.7		4.00	4.0	oua	000	400	10		

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450 1 2 3 4	.65	321 418 514 610 706	331 427 523 619 715	341 437 533 629 725	350 447 543 639 734	360 456 552 648 744	369 466 562 658 753	379 475 571 667 763	389 485 581 677 772	398 495 591 686 782	408 504 600 696 792	10 10 10 10 9	1	10
5 6 7 8 9	-66	801 896 992 087 181	811 906 *001 096 191	820 916 *011 106 200	830 925 *020 115 210	839 935 *030 124 219	849 944 *039 134 229	: 858 954 *049 143 238	868 963 *058 153 247	877 973 *068 162 257	887 982 *077 172 266	9 10 10 9 10	1 2 3 4 5	1 2 3 4 5
460 1 2 3 4		276 370 464 558 652	285 380 474 567 661	295 389 483 577 671	304 398 492 586 680	314 408 502 596 689	323 417 511 605 699	332 427 521 614 708	342 436 530 624 717	351 445 539 633 727	361 455 549 642 736	9 9 9 10 9	6 7 8 9	6 7 8 9
5 6 7 8 9	-67	745 839 932 025 117	755 848 941 034 127	764 857 950 043 136	773 867 960 052 145	783 876 969 062 154	792 885 978 071 164	801 894 987 080 173	811 904 997 089 182	820 913 *006 099 191	829 922 *015 108 201	10 10 10 9 9		9
470 1 2 3 4		210 302 394 486 578	219 311 403 495 587	228 321 413 504 596	237 330 422 514 605	247 339 431 523 614	256 348 440 532 624	265 357 449 541 633	274 367 459 550 642	284 376 468 560 651	293 385 477 569 660	9 9 9 9	1 2 3 4 5	1 2 3 4 5
5 6 7 8 9	-68	669 761 852 943 034	679 770 861 952 043	688 779 870 961 052	697 788 879 970 061	706 797 888 979 070	715 806 897 988 079	724 815 906 997 088	733 825 916 *006 097	742 834 925 *015 106	752 843 934 *024 115	. 9 . 9 . 10 . 9	7 8 9	6 7 8
480 1 2 3 4		124 215 305 395 485	133 224 314 404 494	142 233 323 413 502	151 242 332 422 511	160 251 341 431 520	169 260 350 440 529	178 269 359 449 538	187 278 368 458 547	196 287 377 467 556	205 296 386 476 565	10 9 9 9		3
5 6 7 8 9		574 664 753 842 931	583 673 762 851 940	59 2 681 771 860 949	601 690 780 869 958	610 699 789 878 966	619 708 797 886 975	628 717 806 895 984	637 726 815 904 993	646 735 824 913 *002	655 744 833 922 *011	9 9 9 9	1 2 3 4 5	1 2 2 3 4 5
490 1 2 3 4	-69	020 108 197 285 373	028 117 205 294 381	037 126 214 302 390	046 135 223 311 399	055 144 232 320 408	064 152 241 329 417	073 161 249 338 425	082 170 258 346 434	090 179 267 355 443	099 188 276 364 452	9 9 9 9	7 8 9	6 6 7
5 6 7 8 9		461 548 636 723 810	469 557 644 732 819	478 566 653 740 827	487 574 662 749 836	496 583 671 758 845	504 592 679 767 854	513 601 688 775 862	522 609 697 784 871	531 618 705 793 880	539 627 714 801 888	9 9 9 9		
500		897	906	914	923	932	940	949	958	966	975	9		

No.		0	1	2	3	4	5	6	7	8	9	D.	P.I	2.
500 1 2 3 4		897 984 070 157 243	992 079 165	914 *001 088 174 260	*010 096	932 *018 105 191 278	940 *027 114 200 286	*036 122 209	*044 131 217	*053 140 226	*062 148 234	9 8 9 9	9	
5 6 7 8 9		329 415 501 586 672	509 595	346 432 518 603 689	355 441 526 612 697	364 449 535 621 706	372 458 544 629 714	467 552 638	475 561 646	398 484 569 655 740	406 492 578 663 749	9 9 8 9	1 2 3 4 5	1 2 3 4 5
510 1 2 3 4	-71	757 842 927 012 096	766 851 935 020 105	774 859 944 029 113	783 868 952 037 122	791 876 961 046 130	800 885 969 054 139	893 978 063	902 986 071	825 910 995 079 164	834 919 *003 088 172	8 9 8 9	6 7 8 9	5 6 7 8
5 6 7 8 9		181 265 349 433 517	189 273 357 441 525	198 282 366 450 533	206 290 374 458 542	214 299 383 466 550	223 307 391 475 559	315	240 324 408 492 575	248 332 416 500 584	257 341 425 508 592	8 8 8 9 8	8	
520 1 2 3 4		600 684 767 850 933	609 692 775 858 941	617 700 784 867 950	625 709 792 875 958	634 717 800 883 966	642 725 809 892 975	650 734 817 900 983	659 742 825 908 991	667 750 834 917 999	675 759 842 925 *008	9 8 8 8	1 2 3 4 5 6	122345
5 6 7 8 9	.72	016 099 181 263 346	024 107 189 272 354	032 115 198 280 362	041 123 206 288 370	049 132 214 296 378	057 140 222 304 387	066 148 230 313 395	074 156 239 321 403	082 165 247 329 411	090 173 255 337 419	9 8 8 9	6 7 8 9	6 6 7
530 1 2 3 4		428 509 591 673 7 54	436 518 599 681 762	444 526 607 689 770	452 534 616 697 779	460 542 624 705 787	469 550 632 713 795	477 558 640 722 803	485 567 648 730 811	493 575 656 73 8 819	501 583 665 746 827	8 8 8 8	7	
5 6 7 8 9	.73	835 916 997 078 159	843 925 *006 086 167	852 933 *014 094 175	860 941 *022 102 183	868 949 *030 111 191	876 957 *038 119 199	884 965 *046 127 207	892 973 *054 135 215	900 981 *062 143 223	908 989 *070 151 231	8 8 8 8	1 2 3 4 5	1 1 2 3 4
540 1 2 3 4		239 320 400 480 560	247 328 408 488 568	255 336 416 496 576	263 344 424 504 584	272 352 432 512 592	280 360 440 520 600	288 368 448 528 608	296 376 456 536 616	304 384 464 544 624	312 392 472 552 632	8 8 8 8	7	4 5 6 6
5 6 7 8 9		640 719 799 878 957	648 727 807 886 965	656 735 815 894 973	664 743 823 902 981	672 751 830 910 989	679 759 838 918 997	687 767 846 926 *005	695 775 854 933 *013	708 783 862 941 *020	711 791 870 949 *028	8 8 8 8 8		
550	·74	036	044	052	060	068	076	084	092	099	107	8		

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550 1 2 3	.74	036 115 194 273	044 123 202 280	052 131 210 288	060 139 218 296	068 147 225 304	076 155 233 312	084 162 241 320	092 170 249 327	099 178 257 335	107 186 265 343	****		esemple.
5 6 7 8		351 429 507 586 663	359 437 515 593 671	367 445 523 601 679	374 453 531 609 687	382 461 539 617 695	390 468 547 624 702	398 476 554 632 710	406 484 562 640 718	414 492 570 648 726	500 578 656 733	8 7 8 7 8		
9 560 1 2 3 4	.75	741 819 896 974 051 128	749 827 904 981 059 136	757 834 912 989 066 143	764 842 920 997 074 151	772 850 927 *005 082 159	780 858 935 *012 089 166	*020 097 174	796 873 950 *028 105 182	803 881 958 *035 113 189	811 889 966 *043 120 197	8 78888	8 1 2 3 4 5	1 2 2 2 4
5 6 7 8		205 282 358 435 511	213 289 366 442 519	220 297 374 450 526	228 305 381 468 534	236 312 389 465 542	248 320 397 478 549	251 328 404 481 557	259 335 412 488 565	266 343 420 496 572	274 351 427 504 580	8 7 8 7 7	8 9	1000
570 1 2 3 4		587 664 740 815 891	595 671 747 823 899	603 679 755 881 906	610 686 762 838 914	618 694 770 846 921	626 702 778 853 929	638 709 785 861 937	641 717 793 868 944	648 724 800 876 952	056 732 808 884 959	22772		
5 6 7 8 9	.76	967 042 118 193 268	974 050 125 200 275	982 057 183 208 283	989 065 140 215 290	997 072 148 223 298	*005 080 155 230 80 5	*012 087 163 238 813	*020 095 170 245 320	+027 103 174 253 328	*085 110 185 260 385	7 8 8 8 8	7	
580 1 2 3		848 418 492 567 641	350 425 500 574 649	358 438 507 582 656	365 440 515 589 664	378 448 522 597 671	380 455 580 604 678	888 462 587 612 686	395 470 545 619 693	403 477 552 626 701	410 485 559 634 708	8 7 8 7 8	1 2 3 4 5	11 5 5 4
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3		491	498	505	511	518	525	531	538	544	881	7		
4		833	564	571	578	584	591	598	604	611	617	7		
5 6		$624 \\ 690$	631 697	$637 \\ 704$	$644 \\ 710$	$\frac{651}{717}$	$\frac{657}{723}$	$\frac{664}{730}$	$\frac{671}{737}$	$\begin{array}{c} 677 \\ 743 \end{array}$	$\frac{684}{750}$	6 7		
7		757	763	770	776	783	790	796	803	809	816	7		
8		828	829	836	842	849	856	862	869	875	882	7		
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3		1.51	158	164	171	178	184	191	197	204	210	7	4	2
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5		282	280	295	302	308	815	321	328	334	841	6	7	ð
6		$\frac{347}{413}$	$\frac{354}{419}$	$\frac{360}{426}$	$\frac{367}{432}$	$\frac{373}{439}$	$\frac{380}{445}$	$\frac{387}{452}$	393 458	$\frac{400}{465}$	$\frac{406}{471}$	7	8	6
8		478	484	491	497	504	510	517	523	530	536	7	9 1	''
9		543	549	556	562	669	675	582	588	595	601	6		
70		607	614	620	627	683	640	646	653	659	666	6		
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00		885	891	897	904	910	916	923	929	935	942	6		
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6		261	267	278	280	286	203	298	305	311	317	6		
7		323	330	336	842	348	354	361	367	373	879	7		
8		386	392	398	404	410	417	428	429	435	442	6		
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9		278	279	285	291	297	808	308	314	230	1126	, 6		
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5		216	221	227	233	289	615							
6		274	280	286	200 291	289 297	245 303	251	256	262	SAM	6		
7		332	338	844	849	355	801	309 367	315 373	320 370	334 384	ti ti		
8		390	396	402	408	413	419	425	431	437	442	13		
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6 7 8		708	743	7.49	754	760	766	772	777	783	789	6		
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8		852 910	$\frac{858}{915}$	864 921	869 927	$\frac{875}{933}$	881	887	892	898	904	6		
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9	-88	024	030	036	041	0.17	053	058	064	070	076	5	6	3
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1		138	1.1.1	150	156	161	167	173	178	184	190	5	2	1
2		195	201	207	213	218	224	230	235	241	247	5	3	2
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6		$\begin{array}{c} 423 \\ 480 \end{array}$	$\frac{429}{485}$	$\frac{434}{491}$	$\begin{array}{c} 440 \\ 497 \end{array}$	$\begin{array}{c} 446 \\ 502 \end{array}$	451 508	$\frac{-157}{513}$	463 519	$\frac{468}{525}$	474	6	8	5
7 8		536	542	547	553	559	564	570	570	581	530 587	6	U	l o
9		593	598	604	610	615	621	627	632	638	043	6		
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1		705	711	717	722	728	734	739	745	750	756	6		
2		762	767	773	779	784	790	795	801	807	812	6		
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5 6		$\begin{array}{c} 980 \\ 980 \end{array}$	936 992	$\frac{941}{997}$	*003	953 4009	958 *014	964 +020	969 *025	975 *031	981 *037	5		
7	-89	042	048	053	050	064	070	076	081	087	092	1 6		
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8)		154	159	165	170	176	182	187	193	198	204	5		5
780		209	215	221	226	232	237	243	248	254	260	5	1	1
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3 3		$\frac{321}{376}$	326 382	- 332 - 387	$\begin{array}{c} 337 \\ 393 \end{array}$	343 398	348 401	$\frac{354}{409}$	$\begin{array}{c} 360 \\ 415 \end{array}$	305 421	$\frac{871}{426}$	6	3	2
4		432	437	443	448	454	459	465	470	476	481	6	5	1 8
5		4 87	402	498	504	500	515	520	526	531	537	15	6 7	3
ö		542	548	663	559	564	570	575	581	586	592	5	8	1
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3		927	933	938		949	955	960	966	971	977	5		
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5	.90	037	042	048	053	059	064	069	075	080	086	5		
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7 8		146	151	$\frac{157}{211}$	162	168 222	173 227	$\frac{179}{288}$	288 184	$\frac{189}{244}$	195 24 9	6		
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8		275	281	286	291	297	802 849	254 307	259 813	365 318	270 323	5 5	U	5
9		328	884	889	344	350	355	360	365	371	870	5		
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4		593	598	608	609	614	619	624	630	489	640 587	6 5		
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1 2 3 4		146	151	156	161	166	171	176	181	186	192	5	6	3_
5		197	202	207	212	217	222	227	232	237 288	$\frac{242}{293}$	5 5	1 2	1 1
6 7		$\frac{247}{298}$	$\frac{252}{303}$	258 308	$\frac{263}{313}$	$\frac{268}{318}$	$\frac{273}{323}$	278 328	$\begin{array}{c} 283 \\ 334 \end{array}$	339	344	5	3	2
8		349	354	359	364	369	374	379	384	389	394	5	4	2 2
9		399	404	409	414	420	425	430	485	440	445	ត	б 6	3 4
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4		651	656	661	666	671	676	682	687	692	697	5]
5		702	707	712	717	722	727	733	787	742	7.47	5		
6		753	757	762	767	772	777	782	787	792	797	5		l
7 8		802 852	807 857	812 862	$\begin{array}{c} 817 \\ 867 \end{array}$	822 872	827 877	882 882	837 887	842 892	847 897	5		i
9		902	907	912	917	922	927	932	937	942	947	5		5
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1.	.04		007	012	017	022	027	032	037	042	047	5	2	1
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4		101 151	$\frac{106}{156}$	$\begin{array}{c} 111 \\ 161 \end{array}$	116 166	121 171	$\frac{126}{176}$	131 181	136 186	141 191	$\begin{array}{c} 1.46 \\ 1.96 \end{array}$	5	5	- 3
5		201	206	211	216	221	226	231	236	240	245	5	7	3 4
6		250	255	260	265	270	275	280	285	290	295	5	8	4
7		800 349	305 354	310 359	$\begin{array}{r} 315 \\ 364 \end{array}$	320 369	325 374	- 380 - 379	385 384	840 889	345 394	4 5	9	. 5
8 9		399	404	409	414	419	424	429	488	488	443	ő		1
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2		547	552	557	502	567	571	576	581	586	591	5		- 1
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5		694	699	704	709	714	719	724	729	784	788	5	1	0
6		748	748	753	758	763	768	778	778	788	787	5	3	1 1
7 8		792	797	803	807	812	817	822	H27	832	836	5	8	
9		841 890	846 846	851 900	856 905	861 810	866 915	871 919	876 924	880 880	885 984	5	4 6	2 2
0		989	944	949	954	959	968	968	978	978	988	5	7	2 3
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2	.95	086	041	046	051	056	061	066	071	075	080	ñ	Ð	4
8		086	090						119		129	5		1
4		134	139		148	153	158	168	168	178	177	5		
5	ł	182	187		197	202	207	211	216	221	226	6	1	
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7 8	l	$\frac{279}{328}$	284 832		294 842	299 347	303 352	308 357	*813 861	318 366	828	5		
9		376	381	386	390	395	400	405	410	415	371 419	5		
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5 6 7 8 9	-98	000 046 091 137 182	005 050 096 141 186	000 055 100 146 101	014 059 105 150 195	019 064 109 155 200	023 068 114 159 204	$028 \\ 073 \\ 118 \\ 164 \\ 209$	032 078 123 168 214	037 082 127 173 218	041 087 132 177 223	54554		5
960 1 2 8 4		227 272 318 363 408	232 277 322 367 412	236 281 327 372 417	241 286 331 376 421	245 290 336 381 426	250 295 340 385 430	254 299 345 390 435	259 304 349 394 439	263 308 354 399 444	268 313 358 403 448	4 5 5 5	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9		453 498 543 588 632	457 502 547 592 637	462 507 552 597 641	466 511 556 601 646	471 516 561 605 650	475 520 565 610 655	480 525 570 614 659	484 529 574 619 664	489 534 579 628 668	493 538 583 628 673	5 5 4 4	6 7 8 9	3 4 4 5
970 1 2 3 4		677 722 767 811 856	682 726 771 816 860	686 731 776 820 865	691 735 780 825 869	695 740 784 829 874	700 744 780 834 878	704 749 793 838 883	709 753 798 843 887	713 758 802 847 892	717 762 807 851 896	5 4 5 4		
5 6 7 8 9	-99	900 945 989 034 078	905 949 994 038 088	909 954 998 943 987	914 958 +003 047 092	918 963 *007 052 096	923 967 *012 056 100	927 972 *016 061 105	932 976 *021 065 109	936 981 *025 069 114	941 985 *029 07 4 118	4 4 5 4 5		4
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5 6 7 8 9		782 826 870 913 957	787 830 874 917 961	791 835 878 922 965	795 839 883 926 970	800 843 887 930 9 7 4	804 848 891 985 978	808 852 896 939 983	. 813 856 900 944 987	817 861 904 948 991	822 865 909 952 996	4 5 4 5 4		
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COLOGS OF NUMBERS

FROM

1 to 40,000

TO

FIVE DECIMAL PLACES.

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1	0.00000	21	2.07778	41	2.38722	61	2.21467	81	2.09151
2	1.69897	22	2:05758	42	2.37675	62	2.20761	82	2.08619
3	1.52288	23	2-68827	48	2.86653	63	Ž·20066	83	2.08092
4	1.39794	24	2.61979	44	2.35655	04	$2 \cdot 19382$	84	2 ·07572
5	1.30103	25	2.60206	45	2-84679	65	2.18709	85	2.07058
- 6	1-22185	26	2.58508	46	2.33724	66	2.18046	86	2.06550
7	1.15490	27	2.56864	47	2.32790	67	2.17393	87	2.06048
- 8	1.09691	28	2.55284	48	2.31876	68	2.16749	88	2.05552
9	1.04576	29	2.53760	49	2.80980	69	2.16115	89	$\overline{2}$.05061
10	T-00000	30	2-52288	50	2.30103	70	2.15490	90	2.04576
111	2.95861	31	2.50864	51	2.29248	71	2.14874	91	2.04096
12	2.92082	33	2.49485	52	2.28400	72	2.14267	92	2.03621
13	2.88606	33	2-48149	53	2.27572	73	2.13668	93.	2.03152
14	2.85887	34	2.46852	54	2.26761	74	2.13077	94	2.02687
15	2-82391	35	2.45593	55	2.25964	75	2 ·12 494	95	<u>2</u> ·02228
16	2.79588	36	2.44370	56	2.25181	76	2.11919	96	2.01773
17	2.76955	37	2-43180	57	2.24413	77	2.11851	97	2.01323
18	2.74478	38	2-42022	58	2.23657	78	2.10791	98	2.00877
19	2.72125	89	2.40894	59	2.22915	79	$2 \cdot 10237$	99	2.00436
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1	.99	957	952 909	948 905	900	896	892	887	883	879	874	4	
2		$913 \\ 870$	866	861	857	853	848	844	840	835	831	4	
3 4		827	822	818	814	809	805	801	796	792	788	5	
5		783	779	775	770	766	762	757	753	749 706	7 to 701	5) 4	
6		740	736	732	727	723	719	$\frac{711}{671}$	710 667	663	GON	;	
7		697	693	688	684	680	$\begin{array}{c} 675 \\ 632 \end{array}$	628	624	619	615		
8		654 611	650 607	003 045	641 598	637 694	680	685	584	576	572	4	
1010		5 6 8	564	559	555	551	546	512	538	533	529	4	
1010		525	521	516	512	608	503	499	493	491	456		
2		482	478	473	469	465	460	456	452	418	413	4	
3		439	435	430	426	422	418	413	409	105 362	400 358	5	
4		396	392	388	383	379	375	371	366				
5		353	349	345	341	336	332	323	31.1.1	319	315	4	
6		311	306	302	298	294	289	285	맞니	276	11 C 11 10 C 11	-1	
7		268	264	259	266	251	247	212	235	231	220	4	
8		225	221	217	212	208	204	200	193	141	187	1	
9		183	1.78	174	170	166	161	157				1	
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2		055	051	046	042	038	034	#957	HPG.	1121	4451	ħ į	
3 4	.98	012 970		$\begin{array}{c} 965 \\ 004 \end{array}$	957	788# 878	949	945	910	phi	Bith	i	
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7	Ì	848		834	830	826	823	HIN	813	is titl	2412	4	
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7	-	422		414	410	405	401	897	893	13 4 17 13 4 17	111	4 5	1
8 9		380 338		372 330	868 826	364 322	314 314	379 313	nal nun	in the	.141 \$. 1	7
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2		218		205	201	197	1 11 2	IRH	184	1711	170	4	1
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3 4	,	716	712	708	704	699	695	691	687	$\begin{array}{c} 724 \\ 683 \end{array}$	720 679	4	
5 6	(375 384 593	$671 \\ 629 \\ 588$	$625 \\ 684$	662 621 580	658 617 576	$654 \\ 613 \\ 572$	650 609 568	646 605 564	642 601	638 597	4	
7 8 9	1	551 510	547 506	543 502	539 498	535 494	531 490	527 486	523 482	$560 \\ 519 \\ 478$	556 515 474	5 5 5	
1060	4	469 428	465 424	461 420	457	453 412	449 408	445 404	441	437 396	433 392	5 4	
2 3 4	:	388 347 30 6	383 343 302	379 339 298	375 334 294	$\frac{371}{330}$ $\frac{290}{290}$	367 326 285	363 322 281	359 318 277	$\frac{355}{314}$ $\frac{273}{273}$	$ \begin{array}{r} 351 \\ 310 \\ 269 \end{array} $	4 4 4	
5 6	:	265 224	261 220	257 216	253 212	249 208	$\frac{245}{204}$	241 200	$\frac{237}{196}$	232 192	$\frac{228}{188}$	4	
7 8 9		184 143 102	179 139 098	175 135 094	$171 \\ 131 \\ 090$	167 127 086	163 123 082	$\frac{159}{118}$	155 114 074	151 110 070	$\frac{147}{106}$	4 4	
1070 1	(081 082	$\begin{array}{c} 058 \\ 017 \end{array}$	$\begin{array}{c} 054 \\ 013 \end{array}$	$\begin{array}{c} 049 \\ 009 \end{array}$	$\begin{array}{c} 045 \\ 005 \end{array}$				029 *989		4	
2 3 4		040 040	976 938 896	972 932 891	968 928 887	964 924 883	960 920 879	956 916 875	$952 \\ 912 \\ 871$	948 908 867	944 904 863	4 4	
5 6		859 810	855 815	851 811	847 807	848 803	839 799	835 795	831 791	827 786	$\begin{array}{c} 823 \\ 782 \end{array}$	4	
7 ห บ	1	778 788 698	$774 \\ 784 \\ 694$	770 730 690	766 726 686	762 722 682	758 718 678	$754 \\ 714 \\ 074$	750 710 670	746 706 666	742 702 662	4 4	
1080 1	(958 61 7	$\frac{654}{613}$	050 609	646 605	$\begin{array}{c} 642 \\ 601 \end{array}$	688 597	634 593	629 589	625 585	$\frac{621}{581}$	4	
2 3 4		577 587 497	678 688 498	569 529 489	565 525 485	501 521 481	557 517 477	553 513 478	549 509 469	545 505 46 5	541 501 461	4 4	
5 6		457	453 413	449 409	445 405	441	437 897	$\frac{433}{393}$	$\frac{429}{389}$	425 385	421 381	4	
7 8 9		877 887 297	373 338 203	588 838 808	365 325 285	361 321 281	357 317 277	353 313 273	349 309 269	345 305 265	$\frac{341}{301}$ $\frac{261}{2}$	4 4 4	
1090		257 218	253 214	249 210	245 206	241 202	237 198	283 194	229 190	$\frac{225}{186}$	$\frac{222}{182}$	4	
2 3	}	178 138	$174 \\ 184$	$\frac{170}{130}$	166 126	162 122	158 118	154	150	146 106	142 102 063	4 4 4	
4 5	ļ	098 059	094 055	090 051	086	082 043	078	074 035	070 031	067 027	023	4	
6 7	.95	019 979	015 975	011 971	007 967	008 964	*999 960	*995 956	*991 952	*987 948	*983 944	4	
8 9	1	940 900	936 896	932 892	928 888	924 884	920 880	916 877	$\frac{912}{873}$	908 869	904 865	4	
110 0		861	857	858	849	845	841	887	833	829	825	4	

COLOGS.

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1100	-00	821	817	813	809	805	802	798	794	790	786	.4	
$\hat{2}$		782	778	774	770	766	762	758	754	750 - 711	$\begin{array}{c} 746 \\ 707 \end{array}$	4	
3		742	739	735	731	727	723	$\begin{array}{c} 719 \\ 679 \end{array}$	$\begin{array}{c} 715 \\ 676 \end{array}$	672	668	4	
4		703	699	695	691	687	683						
5		664	660	656	652	648	644	640	636	632	628	4	
6		624	621	617	613	609	605	601	597	593 554	589 550	4	
7		585	581	577	578	570	566	562 523	558 519	515	511	4	
8		546	542	538	534	530	526 48 7	483	479	476	472	4	
9		507	503	499	495	491	404						
1110		468	464	460	456	452	448	444	440	436	433	4	
1	1	429	425	421	417	413	409	405	401	$\frac{397}{358}$	393 354	3	
2		390	386	382	378	374	370	366 327	862 323	319	315	14	
3		350	347	343	339	335	331 292	288	284	280	276	3	
4		311	308	304	300	296	तो से कं						
5		273	269	265	261	257	253	249	245	241	237	3	
6		234	230	226	222	218	214	210	206	202	199	4	
7	1	195	191	187	183	179	175	171	167	164	160	14	Ì
8		156	152	148	1.44	140	136	133	090	125 086	121 082	4	ł
9		117	113	109	105	101	098	094	unu	yeu	Unw	1	
1120		078	074	070	067	068	059	655	051	047	043	1	1
i	1	089	036	032	028	024	020	016	012	008	600	4	
2		001			*989	*985	*881			*970		4	
3	.94	962	958	954	950	947	948	939	935	931	827	4	
4		923	920	916	912	908	904	900	896	892	889	4	
5	Į	885	881	877	873	869	865	862	858	M54	850	4	
6	•	846	842	888	835	831	827	823	HIN	NIS	HII	3	
7	ł	808	804	800	796	792	788	784	781	777	773) · 4	
8		769	765	761	758	754	750	746	742	738 700	734 696	3	
9		731	727	723	719	715	711	708	704			ą	
1130	1	692	688	684	681	677	678	669	665	11/11	058	. 4	
1	ļ	654	650	646	642	638	685	681	627	623	619	4	1
2	l	615	612	800	604	600	590	502	Pha	ā Nā	BH1	4	
8		577	573	201	566	562	ងតិដ ក្	554	- 880 - 812	546 508	543 504	. 4	
4		539	535	531	527	528	520	516	t) I w	สมูล	1104	1 18	
5	ĺ	500	497	498	480	485	481	477	474	470	466	1.4	
6	l	462	458	455	451	447	448	489	435	433	438	4	
7	l	424	420	416	412	409	405	401	397	3113	390	4	
8	l	386	382	378	374	871	367	363	269	355	351	育	1
9		348	344	840	386	332	820	325	321	317	313	1]
1140		310	806	802	298	294	290	287	288	279	275	4	
1	l	271	268	264			252	249	245	241	237		1
2 3	l	288 195	230 192	226 188	222 184	218 180	214 176	211	207	202	199	4	1
4)	157	154	150	146	142	176	173 135	169 181	165 127	161 128	4	1
						1718	100	* 40	***	1 16 6	4 10 47	1	
5	1	119	116	112	108	104	100	097	093	QRO	OHS	3	
6 7		082 044	078 040	074 086	070 032	066	063	059	053	051	047	3	1
8	[008			*994	029 *001	025 *987	021 *983	017 +979	013 *976	010 #972	4	1
9	.98	968	964	960	957	953	949	945	942	uyu. uan	934	4	
1150		980	926	928	919	915	911	908	904	900	sun	4	
I				-	-	-					_	_	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1150	.93 8		926	923	919	915	911	908	904	900	896	4	
1		392 355	$\begin{array}{c} 889 \\ 851 \end{array}$	885 847	881 843	877 840	$\frac{874}{836}$	$\begin{array}{c} 870 \\ 832 \end{array}$	$\begin{array}{c} 866 \\ 828 \end{array}$	862	859	4	
2 3		317	813	810	806	802	798	794	791	$\frac{825}{787}$	$\begin{array}{c} 821 \\ 783 \end{array}$	4	
4		779	776	772	768	764	761	757	753	749	746	4	
2		742 704	$738 \\ 700$	$\begin{array}{c} 734 \\ 697 \end{array}$	$731 \\ 693$	$\begin{array}{c} 727 \\ 689 \end{array}$	$\begin{array}{c} 723 \\ 685 \end{array}$	$\frac{719}{682}$	715	712	708	4	
6 7		667	663	659	655	652	648	644	$\begin{array}{c} 678 \\ 640 \end{array}$	$\begin{array}{c} 674 \\ 637 \end{array}$	$\begin{array}{c} 670 \\ 633 \end{array}$	3 4	
8		629	625	622	618	61.4	610	607	603	599	595	3	
9	,	592	588	584	084	577	573	569	565	562	558	4	
1160		554	550	547	543	539	535	532	528	524	521	4	
l l		517	513	509	506	502	498	494	491	487	483	4	
2 3		$\frac{479}{442}$	$\frac{476}{438}$	$\frac{472}{435}$	$\frac{468}{431}$	$\begin{array}{c} 464 \\ 427 \end{array}$	$\frac{461}{423}$	$\begin{array}{c} 457 \\ 420 \end{array}$	$\frac{453}{416}$	$\frac{449}{412}$	$\begin{array}{c} 446 \\ 408 \end{array}$	3	
4		405	401	397	394	390	386	382	379	375	371	4	
5		367	864	360	356	352	349	345	341	338	334	4	
6		330 293	826 289	323 285	819 282	$\frac{315}{278}$	$\frac{312}{274}$	$\frac{308}{271}$	$\frac{304}{267}$	$\frac{800}{263}$	$\begin{array}{c} 297 \\ 259 \end{array}$	4	
7 8		256	252	248	245	241	237	233	230	$\frac{203}{226}$	$\begin{array}{c} 200 \\ 222 \end{array}$	3	
9		219	215	211	207	204	200	196	193	189	185	4	
1170		181	178	174	170	167	163	159	155	152	148	4	
1		$\frac{144}{107}$	141	$\begin{array}{c} 137 \\ 100 \end{array}$	$\begin{array}{c} 188 \\ 096 \end{array}$	$\begin{array}{c} 129 \\ 092 \end{array}$	126 089	$\begin{array}{c} 122 \\ 085 \end{array}$	$\begin{array}{c} 118 \\ 081 \end{array}$	$\frac{115}{078}$	$\frac{111}{074}$	4	
2 3		070	066	068	059	055	052	048	044	041	037	4	1
4		033	029	026	022	018	015	011	007	004	000	4	
5	.92	996 959	993 956	989 952	985 948	$\frac{981}{944}$	$978 \\ 941$	$974 \\ 937$	970 933	$\begin{array}{c} 967 \\ 930 \end{array}$	$\frac{963}{926}$	4	
6 7		922 922	919	915	911	008	904	900	897	893	889	4	
8	1	885	882	878	874	871	867	863	860	856	852	3	
9		849	845	841	888	834	830	827	823	819	815	3	
1180		812	808	804	801	797	793	790	786	782	770	4	
1 2		775 738	771 735	$\frac{768}{731}$	$\begin{array}{c} 764 \\ 727 \end{array}$	$\begin{array}{c} 760 \\ 724 \end{array}$	$757 \\ 720$	$\begin{array}{c} 753 \\ 716 \end{array}$	$749 \\ 718$	746 709	742 705	3	1
รื		702	698	694	691	687	683	680	676	672	668	3	
4		605	661	057	654	650	646	643	639	635	632	4	
5		628	625	621	617	014	610	606	603	599	595	3	
6 7		592 555	588 551	584 548	581 544	$\begin{array}{c} 577 \\ 540 \end{array}$	573 537	570 533	566 529	562 526	$\frac{559}{522}$	4	1
8	1	518	515	511	507	504	500	496	498	489	485	3	l
9		482	478	475	471	467	464	460	456	453	449	4	
1190		445	442	438	484	481	427	428	420	416	412	3 4	
$\frac{1}{2}$		409 372	405 369	402 402	898 861	894 858	391 354	387 351	383 347	380 343	$\frac{376}{340}$	4	
ร็	1	386	332	329	825	321	318	814	310	307	303	3	
4		800	296	292	289	285	281	278	274	270	267	4	
5		263	260	256	252	249	245	$\frac{241}{205}$	238 201	234 198	231 194	3	
6 7		227 191	228 187	220 183	216 180	212 176	$\frac{209}{172}$	169	165	162	158	4	
8		154	151	147	143	140	186	133	129	125	122	4	1
9		118	114	111	107	104	100	096	093	089	085	3	
1200		082	078	075	071	067	064	060	057	058	049	8	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1200 1 2 3		082 046 010 973	078 042 006 970	075 038 002 966	071 035 *999 963	067 031 *995 959	064 028 *991 955	060 024 *988 952	057 020 *984 948	053 017 *981 945	049 013 *977 941	3 3 4 4	
4	-01	937	934	930	927	923	919	916 880	912 876	909 872	905	4	
5 6 7 8 9		901 865 829 793 757	898 862 826 790 754	894 858 822 786 750	890 854 818 783 747	887 851 815 779 743	883 847 811 775 739	844 808 772 736	840 804 768 732	836 800 765 729	833 797 761 725	4 4 4	
1210 1 2 3 4		721 686 650 614 578	718 682 646 610 575	714 678 643 607 571	711 675 639 603 567	707 671 635 600 564	704 668 632 596 560	700 664 628 592 557	696 660 625 589 553	693 657 621 585 550	689 653 618 582 546	3 3 4 4 4	
5 6 7 8 9		542 507 471 435 400	539 503 467 432 396	535 500 464 428 393	532 496 460 425 389	528 492 457 421 385	525 489 453 417 382	521 485 450 414 378	517 482 446 410 375	514 478 442 407 371	510 475 439 403 368	3 4 4 3 4	
1220 1 2 3 4		364 328 293 257 222	360 325 289 254 218	357 321 286 250 215	353 318 282 247 211	350 314 279 243 208	346 311 275 240 204	343 307 272 236 201	339 304 268 233 197	336 300 264 229 193	332 296 261 225 190	4 3 4 3 4	
5 6 7 8 9		186 151 116 080 045	183 147 112 077 041	179 144 108 073 038	176 140 105 070 034	172 137 101 066 031	169 133 098 062 027	165 130 094 059 024	162 126 091 055 020	158 123 087 052 017	154 119 084 048 013	3 4 3 4	
1230 1 2 3 4	•90	009 974 939 904 868	006 971 935 900 865	002 967 932 897 861	*999 964 928 893 858	*995 960 925 890 854	*992 957 921 886 851	*988 953 918 883 847	*985 950 914 879 844	*981 946 911 876 840	*978 942 907 872 837	4 3 4 4	
5 6 7 8 9		833 798 763 728 693	830 795 760 724 689	826 791 756 721 686	823 788 752 717 682	819 784 749 714 679	816 781 745 710 675	812 777 742 707 672	809 774 738 703 668	805 770 735 700 665	802 767 731 696 661	4 4 3 3 3	
1240 1 2 3 4		658 623 588 553 518	654 619 584 549 514	651 616 581 546 511	647 612 577 542 507	644 609 574 539 504	640 605 570 535 501	602	633 598 563 528 494	595 560 5 25	626 591 556 521 487	3 3 3 4	
5 6 7 8 9		483 448 413 379 344	480 445 410 375 340	476 441 406 372 337	473 438 403 368 333	469 434 399 365 330	466 431 396 361 326	427 392 358	459 424 389 354 819	420 386 351	452 417 382 347 312	4 4 3 3 3	
1250		309	306	302	299	295	292	288	285	281	278	4	

No.	I - Mark Where I have	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1250	-90	309 274	306 271	302 267	299 264	295 260	292 257	288	285 250	281	278	4	
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$		240	236	233	229	226	222	$\frac{253}{219}$	215	$\frac{247}{212}$	243 208	3	
3		205	201	198	194	191	188	184	181	177	174	4	
4		170	167	163	160	156	153	149	146	143	139	3	
5		136	132	129	125	122	118	115	111	108	104	3	
6		101	098	094	091	087	084	080	077	073	070	4	
7 8		$\begin{array}{c} 066 \\ 032 \end{array}$	$\frac{063}{028}$	$\begin{array}{c} 060 \\ 025 \end{array}$	$056 \\ 022$	$\begin{array}{c} 053 \\ 018 \end{array}$	$049 \\ 015$	$046 \\ 011$	042 008	$\begin{array}{c} 039 \\ 004 \end{array}$	085	3 4	
ğ	-89	997	994	991	987	984	980	977	973	970	966	3	
1260		963	959	956	953	949	946	942	939	935	932	4	
1		928	925	922	918	915	911	908	904	901	898	4	
2 3		$894 \\ 860$	891 856	88 7 853	884 849	880 846	$\begin{array}{c} 877 \\ 842 \end{array}$	$\begin{array}{c} 873 \\ 839 \end{array}$	$870 \\ 836$	$\begin{array}{c} 867 \\ 832 \end{array}$	863 829	3 4	
4		825	822	818	815	812	808	805	801	798	794	3	
5		791	788	784	781	777	774	770	767	763	760	3	
6		757	753	750	$\frac{746}{712}$	743	739	736	733	729	726	4	
7 8		$\frac{722}{688}$	$\begin{array}{c} 719 \\ 685 \end{array}$	$\frac{715}{681}$	678	$\begin{array}{c} 709 \\ 674 \end{array}$	$\frac{705}{671}$	$\begin{array}{c} 702 \\ 668 \end{array}$	$\begin{array}{c} 698 \\ 664 \end{array}$	$\begin{array}{c} 695 \\ 661 \end{array}$	691 657	3 3	
ű		654	650	647	644	640	637	633	630	626	623	3	
1270		620	616	613	609	606	603	599	596	592	589	4	
1		585	582	579	575	572	568	565	562	558	555	4	
2 3		551 517	548 514	544 510	541 507	588 504	534 500	531 497	$\begin{array}{c} 527 \\ 493 \end{array}$	524 490	$\begin{array}{c} 521 \\ 486 \end{array}$	3	
4		483	480	476	473	469	466	463	459	456	452	8	
5		449	446	442	439	485	432	429	425	422	418	8	
6]	415	412	408	405	401	898	395	391	388	384	8	
7 8		$\frac{381}{847}$	378 344	$\frac{374}{340}$	$\frac{371}{337}$	$\frac{367}{333}$	364 330	$\frac{361}{327}$	$\begin{array}{c} 357 \\ 323 \end{array}$	$\begin{array}{c} 354 \\ 320 \end{array}$	$\frac{350}{346}$	3	
ŝ		313	310	306	303	200	296	293	289	286	282	3	
1280		279	276	272	269	265	262	259	255	252	248	3	
1		245	242	238	235	232	228	225	221	218	215	4	
2 3		$\frac{211}{177}$	208 174	204	201 167	198 164	194 160	191 15 7	187 154	184 150	181 147	4	
4		143	140	137	133	130	127	123	120	116	118	8	
5		110	106	103	100	008	008	089	086	088	079	3	
6 7		$076 \\ 042$	073	069 085	066	$\frac{062}{029}$	059 025	$\begin{array}{c} 056 \\ 022 \end{array}$	052 019	049 015	$\begin{array}{c} 046 \\ 012 \end{array}$	4	
8		008	089 800		4998 800*					*981		3	
9	-88	975	971	968	965	961	958	954	951	948	944	3	
1290		941	988	934	931	928	924	921	917	914	911	4	
T :		ขนา					891	887	884	880 847	877 844	3 4	
. 2	1	$874 \\ 840$	870 83 7	867 833	864 880	860 8 27	857 823	854 820	850 817	813	810	3	1
4		807	808	800	797	798	790	786	783	780	776	3	
5		778	770	766	763	760	756	753	750	746	743	4	
6		789	786	783	729	726	723	719	716	713	709	3	
7 8		706 678	708 669	699	696	693 659	689 656	686 652	688 649	$\frac{679}{646}$	676 642	8	
9		639	686	682	629	626	622	619	616	612	609	3	
1800		606	602	509	596	592	589	586	582	579	576	4	

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L	U	L	v	J	J	•

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1300 1 2 3 4	-88	606 572 539 506 472	602 569 536 502 469	599 566 532 499 466	596 562 529 496 462	592 559 526 492 459	589 556 522 489 456	586 552 519 486 452	582 549 516 482 449	579 546 512 479 446	576 542 509 476 442	4 3 3 4 3	
5 6 7 8 9		439 406 372 339 306	436 402 369 336 303	432 399 366 333 299	429 396 362 329 296	426 392 359 326 293	422 389 356 323 289	419 386 353 319 286	416 382 349 316 283	412 379 346 313 280	409 376 343 309 276	3 4 4 3 3	
1310 1 2 3 4		273 240 207 174 140	270 236 203 170 137	266 233 200 167 134	263 230 197 164 131	260 226 193 160 127	256 223 190 157 124	253 220 187 154 121	250 217 183 150 117	246 213 180 147 114	243 210 177 144 111	3 3 4 4	
5 6 7 8 9	-87	107 074 041 008 976	104 071 038 005 972	101 068 035 002 969	098 065 032 *999 966	094 061 028 *995 962	091 058 025 *992 959	088 055 022 *989 956	084 051 018 *985 952	$081 \\ 048 \\ 015 \\ *982 \\ 949$	078 045 012 *979 946	4 4 4 3 3	
1320 1 2 3 4		943 910 877 844 811	939 906 874 841 808	936 903 870 837 805	933 900 867 834 801	929 897 864 831 798	926 893 860 828 795	923 890 857 824 792	920 887 854 821 788	916 883 851 818 785	913 880 847 814 782	3 3 3 4	
5 6 7 8 9		778 746 713 680 648	775 742 710 677 644	772 739 706 674 641	769 736 703 670 638	765 733 700 667 634	762 729 697 664 631	759 726 693 661 628	755 723 690 657 625	752 719 687 654 621	749 716 683 651 618	3 3 3 3	
1330 1 2 3 4		615 582 550 517 484	612 579 546 514 481	608 576 543 510 478	605 572 540 507 475	602 569 537 504 471	599 566 533 501 468	595 563 530 497 465	592 559 527 494 462	589 556 524 491 458	520 488	3 3 3 4 3	
5 6 7 8 9		452 419 387 354 322	449 416 384 351 319	445 413 380 348 315	442 410 377 345 312	439 406 374 341 309	436 403 371 338 306	36 7 335	429 397 364 332 299	426 393 361 328 296	390 358 325	4 3 4 3 8	
1340 1 2 3 4		290 257 225 192 160	286 254 222 189 157	283 251 218 186 154	280 247 215 183 150	277 244 212 179 147	273 241 209 176 144	205 173	267 234 202 170 137	199	228 196 163	3 3 4 3 3	
5 6 7 8 9	.86	128 095 063 031 999	125 092 060 028 996	121 089 057 025 992	118 086 054 021 989	083 050 018	112 079 047 015 983	$076 \\ 044 \\ 012$	105 073 041 008 976	070 037 005	066 084 002	4 3 3 3 3	
1350		967	963	960	957	954	951	947	944	941	938	4	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1350	-86	967	963	960	957	954	951	947	944	941	938	4	
1		934 - 902	931 899	$\begin{array}{c} 928 \\ 896 \end{array}$	$\begin{array}{c} 925 \\ 893 \end{array}$	$\begin{array}{c} 922 \\ 889 \end{array}$	918	915	912	909	906	4	
2 3		870	807	864	861	857	886 854	883 851	880 848	$\begin{array}{c} 877 \\ 845 \end{array}$	$\begin{array}{c} 873 \\ 841 \end{array}$	3 3	
4		838	835	832	829	825	822	819	816	812	809	3	
5		806	803	800	796	793	790	787	784	780	777	3	
6 7		$\begin{array}{c} 774 \\ 742 \end{array}$	$\frac{771}{739}$	$\begin{array}{c} 768 \\ 786 \end{array}$	$\begin{array}{c} 764 \\ 732 \end{array}$	$\begin{array}{c} 761 \\ 720 \end{array}$	$\begin{array}{c} \textbf{758} \\ \textbf{726} \end{array}$	$\begin{array}{c} 755 \\ 723 \end{array}$	$752 \\ 720$	$748 \\ 716$	$\begin{array}{c} 745 \\ 713 \end{array}$	3 3	
8		710	707	704	700	697	694	691	688	684	681	3	
Ð		678	675	672	668	665	662	659	050	652	649	3	
1360		646	643	640	687	688	630	627	624	621	617	3	
$\frac{1}{2}$		614 582	$\frac{611}{579}$	608 576	605 578	$\begin{array}{c} 601 \\ 570 \end{array}$	598 598	595 563	592 560	589 557	585 554	8 4	
8		550	547	544	541	538	534	531	528	525	522	3	
4		510	515	512	509	506	503	499	496	493	490	3	
5		487	484	480	477	474	471	468	464	461	458	3	
6 7		$\frac{455}{423}$	$\frac{452}{420}$	$\frac{449}{417}$	445	$\frac{442}{410}$	$\frac{439}{407}$	$\frac{436}{404}$	$\begin{array}{c} 433 \\ 401 \end{array}$	430 398	$\frac{426}{395}$	3 4	,
8		391	388	385	382	379	376	372	369	366	363	3	
ŷ		360	356	353	350	347	344	341	337	334	331	3	,
1370		328	325	322	318	315	312	309	306	308	209	3	
1		$\frac{296}{265}$	$\frac{293}{261}$	200 258	287 255	$\begin{array}{c} 284 \\ 252 \end{array}$	280 249	$\begin{array}{c} 277 \\ 246 \end{array}$	$\begin{array}{c} 274 \\ 242 \end{array}$	$\frac{271}{289}$	$\frac{268}{236}$	3 3	
2 8		283	280	227	223	220	217	214	211	208	204	3	
4		201	198	195	192	189	186	182	179	176	173	3	
ß.		170	167	168	160	157	154	151	148	144	141	8	
6		188	$\frac{135}{103}$	132	129 097	126 094	122 091	119 880	$\begin{array}{c} 116 \\ 085 \end{array}$	118 081	$\frac{110}{078}$	3	
7 8		075	072	069	066	062	059	056	053	050	047	3	
ÿ		044	040	037	034	031	028	025	022	018	015	3	
1880		012	000	006	003	000		*993		*987		3	
1	+85	981 949	$\begin{array}{c} 977 \\ 946 \end{array}$	$974 \\ 948$	$971 \\ 940$	968 987	965 933	962 930	$959 \\ 927$	955 924	952 921	$\begin{bmatrix} 3 \\ 3 \end{bmatrix}$	
2 3		918	915	912	908	905	902	899	896	898	890	4	
4		886	888	880	877	874	871	808	864	861	858	8	
5		855	852	849	846	842	839	836	833	830	827	3	
n 7		824 792	821 789	817 786	814 783	811 780	808 777	805 774	802 770	799 767	$795 \\ 764$	3	
8		761	758	755	752	749	745	742	739	736	788	3	
Ω		730	727	724	720	717	714	711	708	705	702	3	
1890		609	695	692	689	686	683	680	677	674	670	3	
1 2			664			655 624	652 620	$\frac{649}{617}$	645	$642 \\ 611$	689 608	3 3	
3		686 605	683 602	630 599	627 596	592	589	580	583	080	577	3	
4		574	571	567	564	561	558	555	552	549	546	3	
5		548	539	536	588	580	527	524	521	518	615	4	
6	1	511 480	508 477	505 474	502 471	499 468	496 465	493 462	490 459	487 455	483 452	3	
7 8	1	449	446	448	440	437	484	431	428	424	421	3	
9		418	415	413	409	406	403	400	397	398	390	3	
1400		887	884	881	378	375	372	369	365	362	359	8	

COLOGS.

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1400 1 2 3 4	·85 387 356 325 294 263	384 353 322 291 260	381 350 319 288 257	378 347 316 285 254	375 344 313 282 251	372 341 310 279 248	338 307 276	334 304 273	331 300 269		3 3 3 3 3	
5 6 7 8 9	232 201 171 140 109	229 198 168 137 106	226 195 164 134 103	223 192 161 130 100	220 189 158 127 097	217 186 155 124 093	183 152 121	180 149 118	$\frac{177}{146}$	205 174 143 112 081	4 3 3 3 3	
1410 1 2 3 4	078 047 017 •84 986 955	075 044 013 983 952	072 041 010 980 949	069 038 007 977 946	066 035 004 973 943	063 032 001 970 940	*998 *967	026 *995 964	053 023 *992 961 930	050 020 *989 958 927	3 3 3 3 3	:
5 6 7 8 9	924 894 863 832 802	921 891, 860 829 799	918 888 857 826 796	915 884 854 823 793	912 881 851 820 790	909 878 848 817 786	875 845 814	872 842 811	900 869 839 808 777	897 866 835 805 774	3 3 3 3	
1420 1 2 3 4	771 741 710 680 649	768 738 707 676 646	765 734 704 673 643	762 731 701 670 640	759 728 698 667 637	756 725 695 664 634	722 692 661	719 689 658	747 716 686 655 625	744 713 683 652 622	3 3 3 3 3	
5 6 7 8 9	619 588 558 527 497	615 585 555 524 494	612 582 552 521 491	609 579 548 518 488	606 576 545 515 485	603 573 542 512 482	570		594 564 533 503 472	591 561 530 500 469	3 3 3 3 3	
1430 1 2 3 4	466 436 406 375 345	463 433 403 372 342	460 430 400 369 339	457 427 397 366 336	454 424 394 363 333	451 421 391 360 330	448 418 388 357 327	445 415 384 354 324	442 412 381 351 321	439 409 378 348 318	3 3 3 3	
5 6 7 8 9	315 285 254 224 194	312 282 251 221 191	309 279 248 218 188	306 275 245 215 185	303 272 242 212 182	300 269 239 209 179	297 266 236 206 176	294 263 233 203 173	291 260 230 200 170	288 257 227 197 167	3 3 3 3 3	
1440 1 2 3 4	164 134 103 073 043	161 131 100 070 040	158 128 097 067 037	155 125 094 064 034	152 122 091 061 031	149 119 088 058 028	146 116 085 055 025	143 113 082 052 022	140 109 079 049 019	137 106 076 046 016	3 3 3 3	
5 6 7 8 9	013 ·83 983 953 923 893	010 980 950 920 890	007 977 947 917 887	004 974 944 914 884	001 971 941 911 881	*998 968 938 908 878	*995 965 935 905 875	*992 962 932 902 872	*989 959 929 899 869	*986 956 926 896 866	3 3 3 3 3	
1450	863	860	857	854	851	.848	845	842	839	836	3	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1450	·83	863	860	857 827	854	851	848	845	842	839	836	3	
$egin{array}{c} 1 \\ 2 \end{array}$		833 803	830 800	707	$824 \\ 794$	$821 \\ 701$	818 788	815 785	$\frac{812}{782}$	809 779	$\frac{806}{776}$	3	
3		773	770	767	764	761	758	756	753	750	747	3	
4		744	741	738	735	732	729	720	723	720	717	3	
5 0		$\begin{array}{c} 714 \\ 684 \end{array}$	$\begin{array}{c} 711 \\ 681 \end{array}$	708 678	705 675	$\begin{array}{c} 702 \\ 672 \end{array}$	699 609	$\begin{array}{c} 696 \\ 666 \end{array}$	$\begin{array}{c} 693 \\ 663 \end{array}$	690 660	$\begin{array}{c} 687 \\ 657 \end{array}$	3	
7		654	651	648	645	642	689	636	633	630	627	3	
8 9		624 594	$\begin{array}{c} 621 \\ 591 \end{array}$	618 589	615 586	$\begin{array}{c} 612 \\ 583 \end{array}$	609 580	606 577	$\frac{603}{574}$	$\begin{array}{c} 600 \\ 571 \end{array}$	597 568	3	
1460		565	562	559	556	553	550	547	544	541	538	3	
l l		535 505	$532 \\ 502$	529	526	528	520	517	514	511	508	3	
2 3		476	473	$\begin{array}{c} 499 \\ 470 \end{array}$	$\begin{array}{c} 496 \\ 467 \end{array}$	493 464	490 461	$\frac{487}{458}$	$\frac{484}{455}$	$\begin{array}{c} 482 \\ 452 \end{array}$	$\frac{479}{449}$	3	
4		440	443	4.10	437	434	431	428	425	422	419	3	•
5		416	413	410	407	404	401	398	395	393	390	3	
6 7		$\frac{387}{357}$	384 354	$\frac{381}{351}$	378 848	$\frac{375}{345}$	$\begin{array}{c} 372 \\ 342 \end{array}$	369 339	366 336	368 333	$\frac{360}{330}$	3	
8		327	324	321	319	316	318	310	307	304	301	3	
Đ		298	295	593	289	286	283	280	277	274	271	3	
1470		268	265	262	250	256	258	251	248	245	242	3	
1 2		239 209	286 206	233 203	230 200	$\frac{227}{197}$	$\frac{224}{194}$	$\begin{array}{c} 221 \\ 192 \end{array}$	218 189	$\begin{array}{c} 215 \\ 186 \end{array}$	$\begin{array}{c} 212 \\ 188 \end{array}$	3	
3		180	177	174	171	108	165	162	159	156	158	3	
4		150	1.47	144	141	188	136	133	130	127	124	3	
5 6		$\frac{121}{091}$	118 088	115 085	$\frac{112}{083}$	109 080	106 077	103 074	100 071	$\begin{array}{c} 057 \\ 068 \end{array}$	$094 \\ 065$	3	
7		062	obs	056	053	050	0.17	044	041	088	035	2	
អ 9		033	030	+997	*994	021 *991	018 *989	015 *986	*983	000 080*	006 *977	3	
1480	.89	974	971	968	965	962	959	956	953	950	947	8	
l		944	942	939	936	988	980	927	924	921	918	3	
2 3		915 886	913 883	000 880	$-906 \\ -877$	903 874	901 871	898 808	895 865	892 862	889 008	3	
4		857	854	851	848	845	842	889	886	888	880	8	
5		827	824	822	819	816	818	810	807	804	801	3	
6 7		798 769	795 700	792 763	789 760	786 757	784 754	$\frac{781}{751}$	778 748	775 746	$\begin{array}{c} 772 \\ 743 \end{array}$	3	}
8		740	787	734	731	728	725	722	719	716	713	2	
9		711	708	705	702	699	696	693	690	687	684	3	
1490		081	678	676	673	670	667	664	661	658	655	3	1
1 2		652 623	649 620	$\begin{array}{c} 646 \\ 617 \end{array}$	648	$641 \\ 611$	688 609	635	682 608	629 600	626 597	3	1
ã		594	591	вна	585	582	579	577	574	571	568	3	[
4		565	562	559	556	558	550	548	545	542		8	
5		586	533	530	527 498	524 495	521 492	518 489	516 487	513 484	510 481	8	
6 7	1	507 478	$\frac{504}{475}$	$\frac{501}{472}$	469	466	463	460	458	455	452	8	
8	l	449	446	448	440	437	434	481	429	426		8	
9		420	417	414	411	408	405	402	400	397	394	8	
1500		891	388	385	882	879	376	874	371	368	365	8	

No. 0 1 2 3 4 5 6 7 8 9 D. P.I. 1500 -82 391 388 385 382 379 376 374 371 368 365 3 1 362 359 356 853 860 347 345 342 389 336 3 2 333 330 827 824 321 319 316 313 310 307 3 3 304 301 298 295 293 290 287 284 281 278 3 4 275 272 269 267 264 261 258 255 252 249 3 5 246 243 241 238 238 232 229 226 228 229 2 6 218 215 212 200 206 2
1 362 359 356 853 860 347 345 342 389 336 3 2 338 330 827 824 821 319 316 313 310 307 3 3 804 301 298 295 298 290 287 284 281 278 3 4 275 272 269 267 264 201 258 255 252 249 3 5 246 243 241 238 235 282 229 226 228 220 2 6 218 215 212 209 206 208 200 197 194 192 3 7 189 186 183 180 177 174 171 169 166 163 3 8 160 157 154 151 148 145 143 140 137 184 3 9 181 128 125 <
1 362 359 356 853 850 847 345 342 889 336 3 2 383 330 827 824 821 319 316 313 310 307 3 3 804 301 298 295 298 290 287 284 281 278 3 4 275 272 269 267 264 201 258 255 252 249 3 5 246 243 241 238 235 282 229 226 228 220 2 6 218 215 212 209 206 208 200 197 194 192 3 7 189 186 183 180 177 174 171 169 166 163 3 8 160 157 154 151 148 145 143 140 137 184 3 9 181 128 125 <
3 804 301 298 295 298 290 287 284 281 278 3 4 275 272 269 267 264 201 258 253 252 249 3 5 246 248 241 238 235 282 229 226 223 220 2 6 218 215 212 209 206 208 200 197 194 192 3 7 189 186 183 180 177 174 171 169 166 163 3 8 160 157 154 151 148 145 143 140 137 134 3 9 181 128 125 122 120 117 114 111 108 105 3 1510 102 099 097 094 091 088 085 082 079 076 2 1 074 071 068
4 275 272 269 267 264 261 258 255 252 249 3 5 246 243 241 238 235 232 229 226 223 220 2 6 218 215 212 209 206 208 200 197 194 192 3 7 189 186 183 180 177 174 171 169 166 163 3 8 160 157 154 151 148 145 143 140 137 184 3 9 181 128 125 122 120 117 114 111 108 105 3 1510 102 099 097 094 091 088 085 082 079 076 2 1 074 071 068 065 062 059 056 053 051 048 3 2 045 042 039
5 246 243 241 238 235 282 229 226 228 220 2 6 218 215 212 209 206 208 200 197 194 192 3 7 189 186 183 180 177 174 171 169 166 163 3 8 160 157 154 151 148 145 143 140 137 184 3 9 181 128 125 122 120 117 114 111 108 105 3 1510 102 099 097 094 091 088 085 082 079 076 2 1 074 071 068 065 062 059 056 053 051 048 3 2 045 042 039 036 033 030 028 025 022 019 3 3 016 013 010
6 218 215 212 209 206 208 200 197 194 192 3 189 186 183 180 177 174 171 169 166 163 3 8 160 157 154 151 148 145 143 140 137 134 3 9 181 128 125 122 120 117 114 111 108 105 3 1510 102 099 097 094 091 088 085 082 079 076 2 2 045 042 039 086 033 030 028 025 025 019 3 3 016 013 010 007 005 002 899 8996 893 8990 3 4 81 879 865 982 979 976 973 970 967 964 962 3 5 959 956 958 950 947 944 942 939 936 933 3 6 930 927 924 921 919 916 913 910 907 904 3 7 901 899 896 893 890 887 884 881 879 876 3 873 870 867 864 861 869 856 853 850 847 3 844 841 839 836 838 830 827 824 821 818 2 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 813 810 807 804 801 799 796 793 790 3 1520 816 815 810 807
7 189 186 183 180 177 174 171 169 166 163 3 8 160 157 154 151 148 145 143 140 137 184 3 9 181 128 125 122 120 117 114 111 108 105 3 1510 102 099 097 094 091 088 085 082 079 076 2 1 074 071 068 065 062 059 056 053 051 048 3 2 045 042 039 086 033 030 028 026 022 019 3 3 016 013 010 007 005 002 *999 *996 +993 *990 3 4 >81 987 985 982 979 976 973 970 967 964 962 3 5 959 956
8 160 157 154 151 148 145 143 140 137 184 3 9 181 128 125 122 120 117 114 111 108 105 3 1510 102 099 097 094 091 088 085 082 079 076 2 1 074 071 068 065 062 059 056 053 051 048 3 2 045 042 039 086 033 030 028 025 022 019 3 3 016 013 010 007 005 002 *999 *996 *993 *990 3 4 >81 987 985 982 979 976 973 970 967 964 962 3 5 959 956 958 950 947 944 942 939 936 933 3 6 930 927
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1510
1 074 071 068 065 062 059 056 053 061 048 3 2 045 042 030 086 033 030 028 026 022 019 3 3 016 013 010 007 005 002 *999 *996 +993 *990 3 4 081 987 985 982 979 976 973 970 967 964 962 3 5 959 956 958 950 947 944 942 939 936 933 3 6 930 927 924 921 919 916 913 910 907 904 3 7 901 899 896 893 890 887 884 881 879 876 3 8 873 870 867 864 861 869 856 853 850 847 84 821 818 2
2 045 042 089 086 038 080 028 025 022 019 3 3 016 013 010 007 005 002 **#99 **996 **#99 **#990 3 4 081 987 985 982 979 976 973 970 967 964 962 3 5 959 956 958 950 947 944 942 939 936 933 3 6 930 927 924 921 919 916 913 910 907 904 3 7 901 899 896 893 890 887 884 881 879 876 3 8 873 870 867 864 861 869 863 853 850 847 34 9 844 841 839 886 888 880 827 824 821 818 2 1520 816 813 810 807 804 801 799 796 764 761 2 1520 816 813 810
3 016 013 010 007 005 002 *999 *996 +993 *990 3 4 081 987 985 982 979 976 973 970 967 964 962 3 5 959 956 958 950 947 944 942 989 986 983 3 6 930 927 924 921 919 916 913 910 907 964 3 7 901 899 896 893 890 887 884 881 879 876 3 8 873 870 867 864 861 859 856 853 850 847 84 821 818 2 1520 816 813 810 807 804 801 799 796 793 790 3 1 787 784 781
4 -81 987 985 982 979 976 973 970 967 964 962 3
6 930 927 924 921 919 916 913 910 907 904 3 901 899 896 893 890 887 884 881 879 876 3 873 870 867 864 861 869 856 853 850 847 3 9 844 841 889 886 888 880 827 824 821 818 2 1520 816 813 810 807 804 801 799 796 798 790 3 1 787 784 781 779 776 778 770 767 764 761 2
6 930 927 924 921 919 916 913 910 907 904 3 901 899 896 893 890 887 884 881 879 876 3 873 870 867 864 861 869 856 853 850 847 3 9 844 841 889 886 888 880 827 824 821 818 2 1520 816 813 810 807 804 801 799 796 798 790 3 1 787 784 781 779 776 778 770 767 764 761 2
7 901 899 896 898 890 887 884 881 879 876 3 8 873 870 867 864 861 869 856 853 850 847 8 9 844 841 839 836 888 880 827 824 821 818 2 1520 816 813 810 807 804 801 799 796 798 790 3 1 787 784 781 779 776 778 770 767 764 761 2
8 873 870 867 864 861 859 836 833 850 847 8 9 844 841 839 836 888 880 827 824 821 818 2 1520 816 813 810 807 804 801 799 796 793 790 3 1 787 784 781 770 773 770 767 764 761 2
9 844 841 839 836 888 830 827 824 821 818 2 1520 816 813 810 807 804 801 799 796 793 790 3 1 787 784 781 779 776 773 770 767 764 761 2
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3 730 727 724 721 719 716 713 710 707 704 2
4 702 699 696 693 690 687 684 682 679 676 3
5 678 670 667 664 662 659 656 658 650 647 2
6 645 642 639 636 638 630 627 625 629 619 6
7 616 618 610 608 605 602 599 596 593 591 3
8 588 585 582 579 576 578 571 568 565 562 3 9 559 556 554 551 548 545 549 539 537 534 3
9 559 556 554 551 548 545 549 589 587 584 3
1580 531 528 525 522 520 517 514 511 508 505 3
1 502 500 497 494 491 488 485 488 480 477 8
2 474 471 468 466 468 460 4h7 4h4 4h1 3 446 448 440 487 484 482 429 428 428 429 428
4 417 418 419 400 400
100 100 100 100 100 100 100 100 100 100
5 889 386 384 881 878 375 872 869 867 864 3
7 888 865 852 850 847 844 841 838 835 2
8 804 809 900 900 900
9 276 278 270 268 265 262 259 256 254 251 3
1840
1540 248 245 242 239 237 234 231 228 225 228 3 1 220 217 214 211 208 206 208 200 197 194 3
2 100 100 100 100 100 200 200 200 107 104 3
8 168 161 158 155 152 149 147 144 141 148 141
4 185 182 180 127 124 121 118 116 113 110 3
5 107 104 109 000 000 000
6 079 076 078 071 068 066 069 059 059 057
7 051 048 045 048 040 087 084 081 089 080 3
0 028 020 017 014 012 009 006 008 000 +998 3
80 995 992 989 986 984 981 978 975 972 970 3
1550 967 964 961 958 956 958 950 947 944 942 8
900 900 900 900 947 944 949 R

No.	portion of the second of the s	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1550	·80 9		964	961	958	956	953	950	947	944	942	3	
1 2		11	936 908	983 905	$\begin{array}{c} 930 \\ 902 \end{array}$	928 900	925 897	$\begin{array}{c} 922 \\ 894 \end{array}$	$\begin{array}{c} 919 \\ 891 \end{array}$	$\frac{916}{888}$	914 886	3 3	
3	8	188	880	877	874	872	869	866	863	860	858	3	
4	8	55	852	849	847	844	841	838	835	838	830	3	
5		27	824	821	819	816	813	810	807	805	802	3	
6 7		99 71	$\begin{array}{c} 796 \\ 768 \end{array}$	798 766	791 768	788 760	785 757	$\begin{array}{c} 782 \\ 754 \end{array}$	$\begin{array}{c} 780 \\ 752 \end{array}$	$777 \\ 749$	774	3 3	
8		48	740	788	785	782	729	727	724	721	718	3	
9	7	15	713	710	707	704	701	699	696	693	690	2	
1560		88	685	682	679	676	674	671	668	665	662	2	
1		60	657	654	651	649	646	643	640	637	635	3	
2 3		182 104	$\begin{array}{c} 629 \\ 601 \end{array}$	626 599	$\begin{array}{c} 624 \\ 596 \end{array}$	$621 \\ 593$	618 590	$\begin{array}{c} 615 \\ 587 \end{array}$	$\begin{array}{c} 612 \\ 585 \end{array}$	$\begin{array}{c} 610 \\ 582 \end{array}$	607 579	3 3	
ă		76	574	571	568	565	562	560	557	554	551	2	
5		49	546	543	540	637	585	532	529	526	524	3	
6		21	518	515	513	510 300	$\frac{507}{479}$	$\frac{504}{476}$	501	499	496	3	
7 8		198 105	490 463	$\frac{488}{460}$	$\frac{485}{457}$	482 454	452	449	$\frac{474}{446}$	$\frac{471}{443}$	468	$\begin{bmatrix} 3 \\ 2 \end{bmatrix}$	
9		38	486	482	429	427	424	421	418	416	413	3	
1570		110	407	405	402	399	396	393	891	388	385	3	
$\frac{1}{2}$		882 866	380 352	$\frac{377}{349}$	$\frac{374}{846}$	871 844	$\frac{869}{341}$	$\frac{366}{338}$	363 885	360 333	358 330	3	
8		327	324	822	819	816	313	311	308	805	802	2	
4		300	297	294	291	288	386	283	280	277	275	3	
5		172	269	266	264	261	258	255	258	250	247	3	
6 7		344 317	$\frac{342}{214}$	$\frac{289}{211}$	286 209	283 206	281 203	228 200	225 198	$\frac{222}{195}$	$\frac{220}{192}$	3 3	
8		89	187	184	181	178	176	173	170	167	165	3	
9	1	62	159	156	154	151	148	145	148	140	137	3	
1580		84	132	129	126	128	121	118	115	112	110	8	
1 2		107 179	104 077	$\frac{101}{074}$	099 071	006 008	098 080	090 063	088 080	085 057	082 055	3 3	
8		162	049	046	044	041	088	035	083	030	027	8	
4	(134	022	019	016	014	011	908	005	003	000	3	
5	.79		994	992	989	986	983	981	978	975	972	2	
6 7		970 942	967 940	964 987	$961 \\ 984$	959 981	956 929	953 926	951 928	948 920	945 918	3	
8		315	912	909	907	904	100	899	896	898	890	2	
ប្		888	885	882	879	877	874	871	868	866	808	3	
1590		860	нан	855	852	849	847	844	841	888	886		
1 2		888 808	808 808	828 800	825 798	822 795	$\frac{819}{792}$	$817 \\ 789$	814 787	811 784	808 781	3	
3		778	776	773	770	768	765	762	759	757	754	3	
4		751	748	746	748	740	788	785	732	729	727	3	
		724	721	718	716	718	710	708	705	702	699	2 2	
6 7		897 870	694 667	691 664	689 661	686 659	888 888	680 653	678 650	675 648	672 645	3	
8		042 042	640	687	684	681	629	626	628	621	618	8	
9		615	612	610	607	604	602	599	596	598	591	3	
1600		888	585	583	'580	577	574	572	569	566	564	3	

											1,00	
No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1600 1 2	·79 588 561 534	558	555	553	550	574 547 520	545	542	539	536	2	
3 4	507 480	504	501	499	496	493 466	490	488		482		
5 6 7 8 9	452 425 398 371 344	423 396 369	420 393 366	417 390	415 388 361	439 412 385 358 331	409 382 355	407 379 352	431 404 377 350 323	401 374	3 3 3	
1610 1 2 3 4	317 290 263 237 210	288 261 234	285 258	309 282 255 228 202	307 280 253 226 199	304 277 250 223 196	$274 \\ 247 \\ 220$	299 272 245 218 191	296 269 242 215 188	293 266 239 212 185	3 3 2 2 2	
5 6 7 8 9	183 156 129 102 075	153 126 099		175 148 121 094 067	172 145 118 091 065	169 142 116 089 062	167 140 113 086 059	164 137 110 083 057	161 134 108 081 054	159 132 105 078 051	3 3 3 3	:
1620 1 2 3 4	048 022 •78 995 968 941	$\frac{019}{992}$	043 016 990 963 936	040 014 987 960 933	038 011 984 957 931	035 008 982 955 928	032 006 979 952 925	030 003 976 949 923	027 000 974 947 920	024 *998 971 944 917	2 3 3 3 2	
5 6 7 8 9	915 888 861 835 808	912 885 859 832 805	909 883 856 829 803	907 880 853 827 800	904 877 851 824 797	901 875 848 821 795	899 872 845 819 792	896 869 843 816 789	893 867 840 813 787	891 864 837 811 784	3 3 2 3 3	
1630 1 2 3 4	781 755 728 701 675	779 752 725 699 672	776 749 723 696 669	773 747 720 693 667	771 744 717 691 664	768 741 715 688 662	765 739 712 685 659	763 736 709 683 656	760 733 707 680 654	757 731 704 677 651	2 3 3 2 3	
5 6 7 8 9	648 622 595 569 542	646 619 592 566 539	643 616 590 563 537	640 614 587 561 534	638 611 585 558 532	635 608 582 555 529	632 606 5 7 9 553 526	630 603 577 550 524	627 600 574 547 521	624 598 571 545 518	2 3 2 3 2	
1640 1 2 3 4	516 489 463 436 410	513 486 460 434 407	510 484 457 431 405	508 481 455 428 402	505 479 452 426 399	502 476 449 423 397	500 473 447 420 394	497 471 444 418 391	494 468 442 415 389	492 465 439 412 386	3 2 3 2 3	
5 6 7 8 9	383 357 331 304 278	381 354 328 302 275	378 352 325 299 27 3	375 349 323 296 270	373 346 320 294 267	370 344 317 291 265	368 341 315 288 262	365 339 312 286 260	362 336 310 283 257	360 333 307 281 254	3 2 3 3 2	
1650	252	249	246	244	241	238	236	233	231	228	3	}

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1650 1 2 3 4		252 225 199 173 146	249 223 196 170 144	246 220 194 167 141	244 217 191 165 139	241 215 188 162 136	238 212 186 160 133	236 210 183 157 131	233 207 181 154 128	231 204 178 152 125	228 202 175 149 123	3 3 2 3 3	
5 6 7 8 9		120 094 068 042 015	118 091 065 039 013	115 089 063 036 010	112 086 060 034 008	110 083 057 031 005	107 081 055 028 002	104 078 052 026 000	102 076 049 023 *997	099 073 047 021 *994	097 070 044 018 *992	3 2 2 3 3	
1660 1 2 3 4		989 963 937 911 885	987 960 934 908 882	984 958 932 906 879	981 955 929 903 877	979 958 926 900 874	976 950 924 898 872	973 947 921 895 869	971 945 919 892 866	968 942 916 890 864	966 940 913 887 861	3 3 2 2 2	
5 6 7 8 9		859 883 806 780 754	856 830 804 778 752	858 827 801 775 749	851 825 799 773 747	$848 \\ 822 \\ 796 \\ 770 \\ 744$	846 819 793 767 741	843 817 791 765 739	840 814 788 762 736	838 812 786 760 734	835 809 783 757 731	2 3 3 3 3	
1670 1 2 3 4		728 702 676 650 624	726 700 674 648 622	723 697 671 645 619	721 695 669 643 617	718 692 666 640 614	715 689 663 637 611	713 687 661 635 609	710 684 658 632 606	708 682 656 630 604	705 679 653 627 601	3 3 3 2	
5 6 7 8 9		599 573 547 521 495	596 570 544 518 492	593 567 542 516 490	591 565 539 513 487	588 562 536 510 485	586 560 534 508 482	583 557 531 505 479	580 554 529 508 477	578 552 526 500 474	575 549 528 498 472	2 2 2 3 3	
1680 1 2 3 4		469 448 417 892 866	466 441 415 389 363	464 438 412 386 861	461 435 410 384 358	459 433 407 381 355	456 430 404 379 353	454 428 402 876 850	451 425 399 374 348	448 428 397 371 345	446 420 394 368 348	3 2 2 3	
5 0 7 8 9		340 314 288 263 237	837 812 286 260 234	306 306 283 258 232	332 307 281 255 220	330 304 278 252 227	327 301 276 250 224	325 209 273 247 222	322 296 270 245 219	319 294 268 242 216	317 291 265 240 214	8 8 2 8 8	
1690 1 2 3		211 186 160 184 109	209 183 157 132 106	206 181 155 129 104	204 178 152 127 101	201 175 150 124 098	198 173 147 121 096	196 170 145 119 098	198 168 142 116 091	191 165 139 114 088	188 163 137 111 086	2 3 3 2 3	
5 6 7 8 9	-76	083 057 032 006 981	080 055 029 004 978	078 052 027 001 976	075 050 024 *999 978	073 047 022 *996 970	070 045 019 *993 968	068 042 016 *991 965	065 039 014 *988 968	063 037 011 *986 960	060 034 009 *983 958	3 2 3 2 8	
1700		955	958	950	947	945	942	940	937	935	932	2	

COLOGS.

.No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1700	·76 955	953	950	947	945	942	940	937	935	932	2	
1	930	927	924	922	919	917	914	912	909	907	3	
2	904	901	899	896	894	891	889	886	884	881	2	
3	879	876	873	871	868	866	863	861	858	856	3	
4	853	850	848	845	843	840	838	835	833	830	2	
5	828	825	822	820	817	815	812	810	807	805	3	
6	802	800	797	794	792	789	787	784	782	779	2	
7	777	774	772	769	766	764	761	759	756	754	3	
8	751	749	746	744	7 41	739	736	733	731	728	2	
9	726	723	721	718	716	713	711	708	705	703	3	
1710	700	698	695	693	690	688	685	683	680	678	3	
1	675	672	670	667	665	662	660	657	655	652	2	
2	650	647	645	642	639	637	634	632	629	627	3	
3	624	622	619	617	614	612	609	607	604	601	2	
4	599	596	594	591	589	586	584	581	579	576	2	
5	574	571	569	566	563	561	558	556	553	551	3	
6	548	546	543	541	538	536	533	531	528	525	2	
7	528	520	518	515	513	510	508	505	503	500	2	
8	498	495	493	490	488	485	483	480	477	475	3	
9	472	470	467	465	462	460	457	455	452	450	3	
1720 · 1 2 3 4	447 422 397 371 346	445 419 394 369 344	442 417 392 366 341	440 414 389 364 339	437 412 387 361 336	435 409 384 359 334	432 407 382 356 331	429 404 379 354 329	427 402 377 351 326	424 399 374 349 324	2 2 3 3 3	
5 6 7 8 9	321 296 271 246 221	319 293 268 243 218	316 291 266 241 215	314 288 263 238 213	311 286 261 236 210	309 283 258 233 208	306 281 256 231 205	303 278 253 228 203	301 276 251 226 200	298 273 248 223 198	2 2 2 3	
1730	195	193	190	188	185	183	180	178	175	173	3	
1	170	168	165	163	160	158	155	153	150	148	3	
2	145	143	140	138	135	133	130	128	125	123	3	
3	120	118	115	113	110	108	105	103	100	098	3	
4	095	093	090	088	085	083	080	078	075	073	3	
5 6 7 8 9	070 045 020 ∙75 995 970	068 043 018 993 968	065 040 015 990 965	063 038 013 988 963	060 035 010 985 960	058 033 008 983 958	055 030 005 980 955	053 028 003 978 953	050 025 000 975 950	048 023 *998 973 948	3 3 3 3	
1740 1 2 3 4	945 920 895 870 845	943 918 893 868 843	940 915 890 865 840	938 913 888 863 838	935 910 885 860 835	933 908 883 858 833	930 905 880 855 830	928 903 878 853 828	925 900 875 850 825	923 898 873 848 823	3 3 3 3	
5	820	818	815	813	811	808	806	803	801	798	2	
6	796	793	791	788	786	783	781	778	776	773	2	
7	771	768	766	763	761	758	756	753	751	748	2	
8	746	743	741	738	736	733	731	728	726	724	3	
9	721	719	716	714	711	709	706	704	701	699	3	
17 50	696	694	691	689	68 6	684	681	679	676	674	3	

1750	694 669 644 619 595 570 545 520 496 471 446 422 397 372 348 828 298 274	691 6642 617 592 567 648 518 498 408 444 419 394 870 345	689 664 639 614 590 565 540 515 491 466 441 417 302 367 343	686 661 637 612 587 562 538 513 488 464 439 414 390 365	684 6534 609 585 560 535 486 461 486 412 387	681 657 632 607 582 557 533 508 483 459	679 654 629 604 580 555 530 506 481 456	676 652 627 602 577 552 528 503 478 464	674 649 624 600 575 550 525 501 476 451	3 2 2 3 3 2 2 3 3 2 0	
2 647 8 622 4 597 5 572 6 548 7 523 8 498 9 473 1760 449 1 424 2 899 8 375	644 619 595 570 545 520 496 471 446 422 397 372 348 823 298	642 617 592 567 648 518 498 468 444 419 394 870 845	639 614 590 565 540 515 491 466 441 417 392 367	637 612 587 562 538 513 488 464 439 414 390	634 609 585 560 585 510 486 461 486 412 387	632 607 582 557 533 508 483 459	629 604 580 555 530 506 481 456	627 602 577 552 528 503 478 454	624 600 575 550 525 501 476 451	2 3 3 2 2 3 3 2	
\$ 622 4 597 5 572 6 548 7 523 8 498 9 473 1760 449 1 424 2 899 3 375	619 595 570 545 520 496 471 446 422 397 372 348 823 298	567 548 518 498 468 444 419 394 870 345	505 540 515 491 466 441 417 392 367	612 587 562 538 513 488 464 439 414 390	609 585 560 535 510 486 461 436 412 387	557 533 508 483 459	555 530 506 481 456	502 577 552 528 503 478 454	600 575 550 525 501 476 451	3 3 2 3 3 2	
4 597 5 572 6 548 7 523 8 498 9 473 1760 449 1 424 2 899 3 375	570 545 520 496 471 446 422 397 372 348 823 298	567 548 518 498 468 444 410 394 870 345	565 540 515 491 466 441 417 392 367	562 538 513 488 464 439 414 390	560 535 510 486 461 436 412 387	557 538 508 483 459	555 580 506 481 456	552 528 503 478 454	575 550 525 501 476 451	3 2 2 3 3 2	
6 548 7 523 8 498 9 473 1760 449 1 424 2 899 3 375	545 520 496 471 446 422 397 372 348 823 298	548 518 498 468 444 419 394 870 345	540 515 491 466 441 417 392 367	538 513 488 464 439 414 390	535 510 486 461 436 412 387	533 508 483 459	530 506 481 456	528 503 478 454 429	525 501 476 451	2 3 3 2	
7 523 8 498 9 473 1760 449 1 424 2 399 3 375	520 496 471 446 422 397 372 348 823 298	518 493 468 444 419 394 870 345	515 491 466 441 417 392 367	513 488 464 439 414 390	510 486 461 436 412 387	508 483 459	506 481 456 431	503 478 454 429	501 476 451 427	3 2	
9 473 1760 449 1 424 2 899 3 375	471 446 422 397 372 348 323 298	468 444 419 394 870 345	466 441 417 392 367	439 414 390	461 436 412 387	459 434	456 431	454 429	451 427	2	
1 424 2 899 3 375	422 397 372 348 823 298	419 394 870 345	$\frac{417}{392}$	$\frac{414}{390}$	$\frac{412}{387}$						
2 399 3 375	397 372 348 323 298	394 870 345	$\frac{392}{367}$	390	387	409	407	404		3	
3 375	372 348 323 298	345	367					404	402	3	
	348 323 298	345		4,,	362	385 360	382 358	380 355	$\frac{377}{353}$	2 3	
1 1	298	321		340	338	335	333	330	328	2	
5 826			318	316	313	311	308	306	803	2	
6 301 7 276		296 271	294 260	$\frac{291}{267}$	$\frac{289}{264}$	286 262	284 259	281 257	$\frac{279}{254}$	3 2	
8 252	249	247	244	242	239	237	235	232	230	3	i
9 227	226	000	220	217	215	212	210	208	205	2	
1770 208	200	198	195	193	190	188	186	183	181	3	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{176}{151}$	$173 \\ 149$	$\frac{171}{146}$	$\frac{168}{144}$	$\frac{166}{141}$	163 189	$\begin{array}{c} 161 \\ 136 \end{array}$	$\begin{array}{c} 159 \\ 134 \end{array}$	$\begin{array}{c} 156 \\ 132 \end{array}$	3	
8 129	127	124	122	119	117	114	112	110	107	2	i
4 105	102	100	097	095	092	090	880	085	083	3	
5 080	078	075	078	070	068	065	$\begin{array}{c} 063 \\ 039 \end{array}$	061	058	2 3	
6 050 7 081	053 029	051 026	048 024	046	048 019	$\frac{041}{017}$	014	$\begin{array}{c} 036 \\ 012 \end{array}$	034 009	2	
8 007	004	002	#999	*997	*995	*992	*990	*987	*985	3	
9 74 982	980	978	975	978	970	968	965	963	960	2	
1780 958 1 934	956 981	953	951 926	948 924	946 921	943 919	941 917	880 110	$986 \\ 912$	3	
1 984 2 909	907	904	902	899	897	895	892	890	887	2	
8 885	882	880	878	875	878	870	868	865	868	2	
4 861	888	856	858	851	848	846	843	841	889	3	
5 836	884	831	829	826	824	822	819 795	$817 \\ 792$	814 790	2 2	
6 812 7 788	809 785	807 788	805 780	802 778	80 0 775	797 778	771	768	786	3	
8 768	701	758	756	754	751	749	746	744	741	2	
9 739	737	734	782	729	727	724	722	720	717	2	
1790 715	719	710	707	705	708	700	698	695	693	3	
2 690	688 664	686 661	688 689	681 65 7	678 654	$\begin{array}{c} 676 \\ 652 \end{array}$	$\begin{array}{c} 678 \\ 649 \end{array}$	$\frac{671}{647}$	$\begin{array}{c} 669 \\ 644 \end{array}$	2	
8 642	640	037	685	032	680	627	625	628	620	2	
4 618	615	613	610	608	606	603	601	598	596	2	
5 594	591	589	586	584	581	579	577	574	572	8	
6 569 7 545		565 540	56 2 588	560 586	557 58 3	555 531	552 528	550 526	548 523	2	
8 521	619	516	514	511	509	507	504	502	499	2	
9 497		492	490	487	485	482	480	478	475	2	
1800 478	470	468	466	463	461	458	456	453	451	2	

	No.		1	2	3	4	5	6	7	8	9	D.	D D
	110.	_	·			T					J		P.P.
	1800	.74 47					461					2	
1	$egin{array}{c} 1 \ 2 \end{array}$	44 42					$\frac{437}{412}$						1
-	3	40	398	8 396	393	391	388	386	384	381	379		
	4	37	3 374	4 372	369	367	364	362	359	357	355	3	
-	5	35					340					3	
١	6 7	32				$\frac{319}{295}$	$\frac{310}{292}$					$\begin{vmatrix} 3 \\ 3 \end{vmatrix}$	
1	8	28	278	3 275	273	271	268	266	263	261	259	8	
ı	9	25	3 254	251	249	247	244	242	239	237	235	3	
1	1810	23			225	223	220					8	
ı	$\begin{array}{c} 1 \\ 2 \end{array}$	208 184			$\frac{201}{177}$	199 175	196 172		-191 -167	981 461	187	3	
1	3	160			153	151	148	146	143	141	139	3	
ı	4	136	134	131	129	127	124	122	120	117	115	3	
ı	5	112			105	108	100		096	093	091	3	
1	6 7	880			081 057	079 055	076 053	$\begin{array}{c} 074 \\ 050 \end{array}$	072 048	$-069 \\ -045$	$\begin{array}{c} -067 \\ -043 \end{array}$	25 25	
ı	8	041	. 038		033	031	029	026	024	022	019	23	
ł	9	017	01.4	01.2	010	007	005	002	000	*998	+005	22	
į	1820	·78 999			986	988	981	979	976	974	971	2	ļ
ı	$egin{array}{c} 1 \ 2 \end{array}$	960 945			962 938	959 936	$\frac{957}{933}$	955 931	962 928	950 926	948	3	- 1
1	3	921	919		914	912	909	907	905	902	1024 900	3 3	1
١	4	808	895	893	890	888	អអព	888	188	878	876	2	
	5	874		869	867	864	862	859	857	855	852	2	
	6 7	850 826			848 819	840 817	838 814	836 812	810	831 80 7	829 805	3	l
	8	802	800	798	795	793	791	788	786	788	781	3 2	- 1
ı	9	779	776	774	772	769	767	764	762	760	757	2	ļ
Į	1830	755	758	750	748	745	743	741	738	736	734	8	I
	1 2	731 707	729 705	726 703	724 700	$\begin{array}{c} 722 \\ 698 \end{array}$	719 696	$\frac{717}{693}$	715	713	710	8	İ
ı	3	684	681	679	677	674	672	670	691 667	888 888	682	2 2	I
	4	660	658	655	653	651	648	646	648	641	039	я	
	5	636	634	632	629	627	625	622	620	617	015	2	ŀ
	6 7	613 589	610 587	608 584	606 58 2	608	601	599	500	504	591	2	
ļ	8	565	563	561	558	580 556	577 554	575 551	578 549	570 547	868 844	3 3	- 1
l	9	542	539	587	535	532	530	528	525	ត្តដូន	621	8	1
l	1840	518	516	518	511	509	506	504	502	499	497	2	- 1
ł	2	495 471	492 469	400 466	488		488	480	47H	476	473	2	
ı	8	447	445	448	464 440	462 438	459 486	457 433	455 431	452 429	450	3	
1	4	424	422	419	417	414	412	410	407	405	426	2 3	- 1
l	5	400	898	396	393	391	889	386	3H4	382	879	2	
ı	6 7	377 353	374 351	872 940	370	367	305	863	800	BBH	356	8	- 1
	8	880	827	349 325	346 323	344 320	842 818	339 316	337	335	882	2	
	9	806	804	802	299	297	295	292	313 290	211 288	285	2	1
:	1850	283	280	278	276	278	271	269	266				1
							40 (3	ផ្លូមដ្	aun	264	202	8	- 1

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1850	·73 283	280	278	276	273	271	269	266	264	262	3	
1 2	259 236	$\frac{257}{234}$	255 23 L	$\frac{252}{229}$	$\begin{array}{c} 250 \\ 227 \end{array}$	$\frac{248}{224}$	$\begin{array}{c} 245 \\ 222 \end{array}$	$\begin{array}{c} 243 \\ 219 \end{array}$	$\begin{array}{c} 241 \\ 217 \end{array}$	238 215	3	
ร	212	210	208	205	203	201	198	196	194	191	2	
4	189	187	184	182	180	177	175	173	170	168	2	
5 6	$\frac{166}{142}$	$\begin{array}{c} 163 \\ 140 \end{array}$	$\frac{161}{138}$	$\frac{159}{135}$	$\frac{156}{133}$	$\frac{154}{131}$	$\frac{152}{128}$	$\frac{149}{126}$	$\begin{array}{c} 147 \\ 123 \end{array}$	$\frac{145}{121}$	3	
7	119	116	114	112	109	107	105	102	100	098	3	
8	095	093	091	088	086	084	081	079	077	074	2	
9	072	070	007	065	063	060	058	056	053	051	2	
1860	049 025	$\begin{array}{c} 046 \\ 028 \end{array}$	$044 \\ 021$	$\begin{array}{c} 042 \\ 018 \end{array}$	$\begin{array}{c} 039 \\ 016 \end{array}$	$\begin{array}{c} 037 \\ 014 \end{array}$	035	032	030	028	3	
1 2	002		*997 :			*000	011 *988	009 380*	*983	*981	2 2	
8	·72 979	976	974	972	969	967	965	962	960	958	3	
4	955	840	951	948	946	944	941	939	937	934	2	
ß	932	980	927	925	923	920	918	916	913	911	2	
6 7	909 886	907 888	904 881	$\frac{902}{879}$	$\frac{900}{876}$	$\begin{array}{c} 897 \\ 874 \end{array}$	$\begin{array}{c} 895 \\ 872 \end{array}$	893 869	890 867	888 308	2 3	
8	862	860	858	855	858	851	848	846	844	841	2	
9	839	837	834	832	880	827	825	823	820	818	2	
1870	816	814	811	800	807	804	802	80 0	797	795	2	
1	798 769	790 767	788 765	786 762	783 760	781 758	$779 \\ 755$	776 753	$774 \\ 751$	$772 \\ 749$	3 3	
2 8	746	744	742	789	737	785	732	780	728	725	2	
4	723	721	718	716	714	711	709	707	705	702	2	
5	700	698	695	698	691	688	686	684	681	679	2	
6 7	677 654	$\frac{674}{654}$	$672 \\ 649$	$\begin{array}{c} 670 \\ 647 \end{array}$	$\begin{array}{c} 667 \\ 644 \end{array}$	665 642	663 640	$\begin{array}{c} 661 \\ 687 \end{array}$	$\begin{array}{c} 658 \\ 685 \end{array}$	$\begin{array}{c} 656 \\ 633 \end{array}$	3	
Ŕ	680	628	626	624	621	619	617	614	612	610	3	
9	607	400	603	600	៦១৪	596	593	591	589	587	3	
1880	584	582	580	577	575	578	570	568	566	563	2	
1	561	559	557 533	554	552 529	550	$\frac{547}{524}$	545 522	543 520	540 517	2 2	
2 8	538 515	536 513	510	188 808	506	5 27 503	501	499	497	494	2	
4	492	490	487	485	488	480	478	476	473	471	2	
5	469	467	464	462	460	457	455	458	450	448	2	
G	446	444	441 41H	489	437 414	484 411	432	430	427	425 402	2 2	
7 8	428 400	421 898	895	410 898	391	888	386	384	381	379	2	
9	877	875	372	870	868	865	868	861	358	856	2	
1890	854	352	849	847	845	842	340	888	335	333	2	
1	881 808	829 806	326 303	324 301	822 299	819 2 96	817 294	$\frac{815}{292}$	312 290	310 287	2 2	
2 8	285	283	280	278	276	278	271	269	267	264	2	
4	262	260	257	255	253	251	248	246	244	241	2	
5	289	287	234	282	230	228	225	228	221		2	
6	216	214	212	209 186	207 184	205 182	202 180	200 177	198 175		8	
9 8	198	191 168	189	164	161	159	157	154	152		2	
9	148	145	143	141	138	136	134	131	129		2	
1900	125	122	120	118	115	118	111	109	106	104	2	
			Sui	btract	Propo	rtional	Parts.					93

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1900	·72	125	122	120	118	115	113	111	109	106	104	2	
$egin{array}{c c} 1 & \ 2 & \ \end{array}$		$\frac{102}{079}$	100 077	$\begin{array}{c} 097 \\ 074 \end{array}$	$\begin{array}{c} 095 \\ 072 \end{array}$	093 070	090 068	$088 \\ 065$	$\begin{array}{c} 086 \\ 063 \end{array}$	$084 \\ 061$	081 058	2 2	
3		056	054	052	049	047	045	042	040	038	036	3	
4		033	031	029	026	024	022	020	017	015	013	2	
5		011	008	006	004	001			*995			2	
6 7	-71	$\frac{988}{965}$	$\frac{985}{963}$	$\frac{983}{960}$	$\frac{981}{958}$	$\begin{array}{c} 979 \\ 956 \end{array}$	$976 \\ 954$	$974 \\ 951$	$972 \\ 949$	$969 \\ 947$	$967 \\ 944$	$egin{array}{c} 2 \\ 2 \end{array}$	
8		942	940	938	935	933	931	929	926	924	922	3	
9		919	917	915	913	910	908	906	903	901	899	2	
1910		897	894	892	890	888	885	883	881	878 856	876 853	2 2	
1 2		874 851	$872 \\ 849$	$\begin{array}{c} 869 \\ 847 \end{array}$	$\begin{array}{c} 867 \\ 844 \end{array}$	$\begin{array}{c} 865 \\ 842 \end{array}$	863 840	860 838	858 835	833	831	2	
3		829	826	824	822	819	817	815	813	810	808	2	
4		806	804	801	799	797	794	792	790	788	785	2	
5 6		783 760	781 758	$779 \\ 756$	$776 \\ 754$	774 751	$772 \\ 749$	770 747	$767 \\ 745$	$765 \\ 742$	763 740	3 2	
7		738	736	733	731	729	726	724	722	720	717	2	
8		$715 \\ 693$	713 690	$\frac{711}{688}$	708 686	706 6 83	704 681	$702 \\ 679$	699 677	$\begin{array}{c} 697 \\ 674 \end{array}$	$\begin{array}{c} 695 \\ 672 \end{array}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
$\begin{array}{c} 1920 \\ 1 \end{array}$		$\begin{array}{c} 670 \\ 647 \end{array}$	$668 \\ 645$	$\frac{665}{643}$	663 640	661 638	659 636	656 634	654 631	652 629	$\begin{array}{c} 650 \\ 627 \end{array}$	3 2	
2		625	622	620	618	616	613		609	607	604	2	Ì
3 4]	$\frac{602}{579}$	600	598	595	593	591		586	584 561	$\frac{582}{559}$	3 2	
			577	5 7 5	573	570	568		564			l	
5 6		$\begin{array}{c} 557 \\ 534 \end{array}$	$\begin{array}{c} 555 \\ 532 \end{array}$	$\frac{552}{530}$	550 528	$\begin{array}{c} 548 \\ 525 \end{array}$	$\frac{546}{523}$		541 519	539 516	$\frac{537}{514}$	3 2	
7	ļ	512	510	507	505	503	501		496	494	492	3	
8	ĺ	489	487	485	483	480	478		474	471	469	2	ļ
9		467	465	462	460	458	456		451	449	447	3	
$1930 \\ 1$		$\frac{444}{422}$	$\frac{442}{420}$	$\frac{440}{417}$	438 415	$\frac{435}{413}$	433 411			426 404	$\frac{424}{402}$	3	
2		399	397	395	393	390	388			381	379	2	
3		377	375	372	370	368	366	363	361	359	357	3	
4		354	352	350	348	345	343	341	339	336	334	2	
5 6		332 309	330 307	327	325	323	321				312	3	
7		309 287	307 285	$\frac{305}{283}$	303 280	$\frac{300}{278}$	298 276				$\frac{289}{267}$	2 2	
8		265	262	260	258	256	253	251	249	247	244	2	
9		242	240	238	236	233	231	229	227	224	222	2	
$1940 \\ 1$		220 197	218 195	$\frac{215}{193}$	213 191	$\frac{211}{188}$	209 186				$\frac{200}{177}$	3 2	
2		175	173			166	164	162	159	157	155	2	
3		153	150	148	146	144	142	139	137	135	133	3	
4		130	128	126	124	121	119	117	115	113	110	2	
5 6		108 086	106 083	10 4 081	101 079	099 077	097					2	
7		063	061	059	079	077	0 7 5 0 5 2					3 2	
8		041	039	037	034	032	030	028	026	023	021	2	
9		019	017	014	012	010	008	005	003	001	*999	2	1
1950	1.70	997	994	992	990	988	985	983	981	979	976	2	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P
1950	.70		994	992	990	988	985	983	981	979	976	2	
1		974	972	970 948	968	965	963	961	959	956	954	2	
2 3		$\begin{array}{c} 952 \\ 980 \end{array}$	$\begin{array}{c} 950 \\ 928 \end{array}$	925	$\begin{array}{c} 945 \\ 923 \end{array}$	$943 \\ 921$	$\begin{array}{c} 941 \\ 919 \end{array}$	$\begin{array}{c} 939 \\ 916 \end{array}$	$\frac{936}{914}$	$\begin{array}{c} 934 \\ 912 \end{array}$	$932 \\ 910$	2 2	
4		908	905	903	901	899	896	894	892	890	888	3	
5 6		888 863	883 861	881 859	879 856	876 854	$\begin{array}{c} 874 \\ 852 \end{array}$	8 72 850	870 848	868	865	2	
7		841	839	836	834	832	830	828	825	$\begin{array}{c} 845 \\ 823 \end{array}$	843 821	2 2	
8		819	817	814	812	81,0	808	805	803	801	799	2	
9		797	794	792	790	788	785	783	781	779	777	3	
1960		774	772	770	768	766	763	761	759	757	754	2	
1 2		$\begin{array}{c} 752 \\ 780 \end{array}$	$\begin{array}{c} 750 \\ 728 \end{array}$	$\begin{array}{c} 748 \\ 726 \end{array}$	$\begin{array}{c} 746 \\ 728 \end{array}$	$\begin{array}{c} 743 \\ 721 \end{array}$	$\frac{741}{719}$	$739 \\ 717$	$737 \\ 715$	$735 \\ 712$	732 710	$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	
8		708	700	704	701	699	697	695	692	690	688	2	
4		686	084	681	679	677	675	673	670	668	666	2	
5		$\frac{664}{642}$	$\frac{662}{639}$	650 637	657 635	655 633	653 631	$\begin{array}{c} 650 \\ 628 \end{array}$	$\begin{array}{c} 648 \\ 626 \end{array}$	$\begin{array}{c} 646 \\ 624 \end{array}$	644 622	2 2	
6 7		620	617	615	613	611	609	606	604	602	600	3	
8		597	595	593	591	589	580	584	582	580	578	3	
9		575	578	571	569	567	564	562	560	558	556	3	
1970		558 531	551 529	$\frac{540}{527}$	$\begin{array}{c} 547 \\ 525 \end{array}$	$\begin{array}{c} 545 \\ 528 \end{array}$	$\frac{542}{520}$	540 518	$\begin{array}{c} 538 \\ 516 \end{array}$	$\frac{536}{514}$	534 512	3 3	
2		509	507	505	508	501	498	496	494	492	489	2	
3		487	485	488	481	478	476	474	472	470	467	2	
4		465	463	461	459	456	454	452	450	448	445	2	
5		448	441	439	487	434	432 410	430	$\frac{428}{406}$	$\frac{426}{404}$	424 402	3	
6 7		$\begin{array}{c} 421 \\ 809 \end{array}$	$\frac{419}{897}$	$\frac{417}{895}$	$\frac{415}{393}$	$\frac{413}{391}$	388	408 386	384	382	380	3	
8		877	375	373	371	869	366	864	362	360	358	3	
9		355	858	351	349	347	344	342	340	338	336	3	
1980		838	331 309	$\frac{329}{307}$	$\frac{327}{305}$	325 303	323 301	320 298	318 296	$\frac{316}{294}$	$\frac{314}{292}$	2 2]
1 2		312 290	287	285	283	281	279	276	274	$\frac{272}{272}$	270	2	
3		268	206	263	261	259	257	255	252	250	248	2	
4		246	244	241	239	237	235	233	231	228	226	2	
Б		224	222	220	217	215	213	211	209	206	$\begin{array}{c} 204 \\ 182 \end{array}$	2 2	
6 7	}	202 180	$\frac{200}{178}$	198 176	$\frac{196}{174}$	193 171	191 169	$\frac{189}{167}$	187 165	185 163	161	3	
ង់		158	156	154	152	150	147	145	148	141	139	2	
9		137	134	182	130	128	126	123	121	119	117	2	Ì
1990		115	113	110	108 080	106 084	$\frac{104}{082}$	102 080	099 078	$097 \\ 075$	$095 \\ 073$	2 2	
$\frac{1}{2}$		098 071	091	089 067	065	062	060	058	056	054	051	2	
3		049	047	045	043	041	038	036	034	032	080	3	
4		027	025	023	021	019	017	014	012	010	008	2	
5	100	006	004 982	001 980	*999 977	*997 975	*995 973	*993 971	*990 969	*988 967	*986 964	2 2	
6	.08	984	960	958	956	953	951	949	947	945	948	3	
8	1	940	938	936	984	932	930	927	925	923	921	2	
9		919	017	914	912	910	908	906	904	901	899	2	
2000	1	897	895	893	890	888	886	884	882	880	877	2	

No		() 1	. 2	3	4	5	6	7	8	9	D.	P.P	
2000 2 2 3 4	L 2	·69 89 87 85 83 81	5 873 4 853 2 830	3 873 1 849 0 828	1 869 9 847 3 825	867 845 823	886 864 843 821 799	4 869 3 841 1 819	2 860 L 838 9 817	858 836 815	856 834 812	2 2		
5 6 7 8 9		78 76 74 72 70	7 765 5 743 1 721	5 763 3 741 1 719	760 739 717	758	778 756 734 718 691	754 732 711	752 730 708	750 728 706	747 726 704	2 2 2 2 3		
2010 1 2 3 4		686 659 637 616 594	657 635 613	654 633 611	652 631 609	672 650 629 607 585	670 648 626 605 583	646 624 603	$644 \\ 622$	642 620 598	661 639 618 596 575	2 2 2 2 2 3		
5 6 7 8 9		5 7 2 551 529 508 486	549 527 506	547 525 504	566 544 523 501 480	564 542 521 499 478	562 540 519 497 476	538	557 536 514 493 471	555 534 512 491 469	553 532 510 489 467	2 3 2 3 2		
2020 1 2 3 4		465 443 422 400 379	463 441 420 398 377	461 439 418 396 375	458 437 415 394 373	456 435 413 392 370	454 433 411 390 368	452 430 409 388 366	450 428 407 385 364	448 426 405 383 362	446 424 403 381 360	3 2 3 2 3		
5 6 7 8 9		357 336 315 293 272	355 334 312 291 270	353 332 310 289 268	351 330 308 287 265	349 327 306 285 263	347 325 304 282 261	345 323 302 280 259	342 321 300 278 257	340 319 297 276 255	338 317 295 274 253	2 2 2 2 3		
2030 1 2 3 4		250 229 208 186 165	248 227 205 184 163	246 225 203 182 161	244 223 201 180 159	242 220 199 178 156	240 218 197 176 154	238 216 195 173 152	235 214 193 171 150	233 212 191 169 148	231 210 188 167 146	2 2 2 2 2 2		
5 6 7 8 9		144 122 101 080 058	141 120 099 077 056	139 118 097 075 054	137 116 095 073 052	135 114 092 071 050	133 112 090 069 048	131 109 088 067 045	129 107 086 065 043	126 105 084 063 041	124 103 082 060 039	2 2 2 2 2 2		
2040 1 2 3 4	•68	037 016 3 994 973 952	035 014 992 971 950	033 011 990 969 948	031 009 988 967 946	028 007 986 965 943	026 005 984 963 941	024 003 982 960 939	022 001 980 958 937	020 *999 * 977 956 935	018 k997 975 954 933	2 3 2 2 2		
5 6 7 8 9		931 909 888 867 846	929 907 886 865 844	926 905 884 863 842	924 903 882 861 839	922 901 880 859 837	920 899 878 856 835	918 897 875 854 833	916 895 873 852 831	914 892 871 850 829	912 890 869 848 827	3 2 2 2 2 2		
2050		825	822	820	818	816	814	812	810	808	806	3		

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2050	·68	825	822	820	818	816	814	812	81.0	808	806	3	
1		803	801	799	797	795	793	791	789	786	784	2	
2		$\begin{array}{c} 782 \\ 761 \end{array}$	$\begin{array}{c} 780 \\ 759 \end{array}$	778 757	$\begin{array}{c} 776 \\ 755 \end{array}$	774 753	$\begin{array}{c} 772 \\ 751 \end{array}$	$770 \\ 748$	$\begin{array}{c} 767 \\ 746 \end{array}$	$\begin{array}{c} 765 \\ 744 \end{array}$	763	2	
3 4		740	738	736	734	731	729	727	725	723	742 721	2 2	
5		719	717	715	712	710	708	706	704	702	700	2	
6		698	696	693	691	689	687	685	683	681	679	2	
7		677	674	672	670	668	666	064	662	660	658	3	
8 9		$\frac{655}{634}$	$\begin{array}{c} 653 \\ 632 \end{array}$	$\begin{array}{c} 654 \\ 630 \end{array}$	$\begin{array}{c} 649 \\ 628 \end{array}$	$\begin{array}{c} 647 \\ 626 \end{array}$	$\begin{array}{c} 645 \\ 624 \end{array}$	$\begin{array}{c} 643 \\ 622 \end{array}$	$\begin{array}{c} 641 \\ 620 \end{array}$	639 617	$\begin{array}{c} 636 \\ 615 \end{array}$	2 2	
0000		613	611	609	607	605	603	601	599	596	594	2	
2060		592	590	Бин	586	584	582	580	577	575	573	2	
2		571	669	567	565	563	561	558	556	554	552	2	
8		550	548	546	544	542	540	537	535	533	531	2	
4		529	527	525	523	521	519	516	514	512	510	2	
15		508	506	504	502	500	497	495	493	491	489	2	
6		487	485	483 462	481 460	$\begin{array}{c} 479 \\ 458 \end{array}$	$\begin{array}{c} 476 \\ 455 \end{array}$	$\frac{474}{453}$	$\frac{472}{451}$	$\frac{470}{449}$	$\frac{408}{447}$	$\begin{vmatrix} 2\\2 \end{vmatrix}$	
7 8	1	$\frac{466}{445}$	$\frac{404}{443}$	441	439	437	434	432	480	428	426	2	
9		424	422	420	418	416	413	411	409	407	405	2	
2070		403	401	399	397	395	892	890	388	386	384	2	
1		882	380	378	376	374	372	369	367	365	363	2	
2		361 340	859 338	357 336	355 384	353 332	$\begin{array}{c} 351 \\ 330 \end{array}$	348 328	$\frac{346}{325}$	$\begin{array}{c} 344 \\ 323 \end{array}$	$\begin{array}{c} 342 \\ 321 \end{array}$	2 2	
3 4		319	317	315	313	311	309	307	304	302	300	2	
5		208	206	294	292	290	288	286	284	281	279	2	
6		277	275	273	271	209	207	265	263	261	258	2	1
7		256	254	252	250	248	246	244	242	240	238	3	1
8 0		285 215	233	231 210	220 208	$\frac{227}{206}$	225 204	223 202	221 200	$\frac{219}{198}$	$\begin{array}{c} 217 \\ 196 \end{array}$	2 2	1
-					1117	EMPL	199	181	179	177	175	2	
2080 1		194 178	192	189	187 167	185 164	183 162	160	158	156	154	2	
2		152	150	148	146	144	141	139	137	135	133	2	
3		181	129	127	125	123	121	119	116	114	112	2	
4		110	108	100	104	102	100	098	096	094	091	2	
5		089	087	085	880	081	079	077	075	078	071	2	
6		069	066	064	002	060	058	056	054	052 031	050 029	2 2	
7		048	046 025	044 023	042	039 019	037 017	085 014	$\begin{array}{c} 033 \\ 012 \end{array}$	010	008	2	
8 9		027 006	004	002	000	*998	*996		+992			2	
2090	,n	7 985	983	981	979	977	975	978	971	969	967		
2000	1 "	965		980	958	956	954	952	950	948			
2		1144	943	940	938	936	988	981	929	927 906	925 904	2 2	1
3		923 902		919 898	917 896	915 894	913 892	911 890	909 888	886			
							871	869	867	865	863	2	1
5 6		882 861		877 857	875 855	878 853	851	848		844	842	2	
7		840			834	832	880	828	826	824	822		
8		819	817	815	818	811	809			803 782		1 -	1
9		799	797	795	793		788						
2100	1	778	776	774	772	770	768	766	764	762	759	2	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2100	-67	778	776	774	772	770	768	766	764	762	759	2	
1		757	755	753	751	749	747	745	743	741	739	2	
2		737	735	733	731	728	726	724	722	720	718	2	
3 4		716 695	714 693	$\begin{array}{c} 712 \\ 691 \end{array}$	$710 \\ 689$	708 687	$\begin{array}{c} 706 \\ 685 \end{array}$	$\begin{array}{c} 704 \\ 683 \end{array}$	$\begin{array}{c} 702 \\ 681 \end{array}$	700 679	697 677	2 2	
*	l	090	093	031	000	001	000	000	001	013	011		
5		675	673	671	669	667	664	662	660	658	656	2	
6 7		654 634	$\begin{array}{c} 652 \\ 631 \end{array}$	$\begin{array}{c} 650 \\ 629 \end{array}$	$\begin{array}{c} 648 \\ 627 \end{array}$	$\begin{array}{c} 646 \\ 625 \end{array}$	$\begin{array}{c} 644 \\ 623 \end{array}$	$\begin{array}{c} 642 \\ 621 \end{array}$	$640 \\ 619$	$638 \\ 617$	$\begin{array}{c} 636 \\ 615 \end{array}$	2 2	
8	ļ ·	613	611	609	607	605	603	601	599	596	594	2	
9		592	590	588	586	584	582	580	578	576	574	2	
2110		572	570	568	566	564	561	559	55 7	555	553	2	
1		551	549	547	545	543	541	539	537	535	533	2	
2		531	529	526	524	522	520	518	516	514	512	2	
3 4	ĺ	510 490	$\begin{array}{c} 508 \\ 487 \end{array}$	$\begin{array}{c} 506 \\ 485 \end{array}$	$\begin{array}{c} 504 \\ 483 \end{array}$	$\begin{array}{c} 502 \\ 481 \end{array}$	$\frac{500}{479}$	$\frac{498}{477}$	$\begin{array}{c} 496 \\ 475 \end{array}$	$\frac{494}{473}$	$\frac{492}{471}$	2 2	
1	1												
5		469	467	465	$\begin{array}{c} 463 \\ 442 \end{array}$	461 440	$\frac{459}{438}$	$\begin{array}{c} 457 \\ 436 \end{array}$	$\begin{array}{c} 455 \\ 434 \end{array}$	$453 \\ 432$	$\frac{450}{430}$	2 2	
6 7		448 428	$\frac{446}{426}$	$\begin{array}{c} 444 \\ 424 \end{array}$	422	420	418	416	414	412	409	2	
8	1	407	405	403	401	399	397	395	393	391	389	2	
9	[387	385	`383	381	379	377	375	373	371	36 8	2	
2120	{	366	364	362	360	358	356	354	352	350	348	2	
1	ł	346	344	342	340	338	336	334 313	332	330	328	3	
2 3		325 305	323 303	$\frac{321}{301}$	$\frac{319}{299}$	$\frac{317}{297}$	$\frac{315}{295}$	293	$\frac{311}{291}$	309 289	$\frac{307}{287}$	2 2	
4	l	285	283	280	278	276	274	272	270	268	266	2	
5	1	264	262	260	258	256	254	252	250	248	246	2	
5 6	j	244	242	240	23 8	236	233	231	229	227	225	2	
7 8		223 203	$\frac{221}{201}$	$\frac{219}{199}$	$\begin{array}{c} 217 \\ 197 \end{array}$	$\frac{215}{195}$	$\frac{213}{193}$	$\frac{211}{191}$	$\frac{209}{189}$	$\begin{array}{c} 207 \\ 187 \end{array}$	$\frac{205}{184}$	2 2	
, š	1	182	180	178	176	174	172	170	168	166	164	2	
2130	}	100	100	150	150	154	150	150	140	7.40	444		
1		$\begin{array}{c} 162 \\ 142 \end{array}$	160 140	$\frac{158}{138}$	$\frac{156}{136}$	$\begin{array}{c} 154 \\ 134 \end{array}$	$\frac{152}{131}$	$150 \\ 129$	$\frac{148}{127}$	$\frac{146}{125}$	$\begin{array}{c} 144 \\ 123 \end{array}$	2 2	
2	1	121	119	117	115	113	111	109	107	105	103	2	
3 4	}	101 081	099	097	095	093	091	089	087	085	083	2	
•	1	OOT	079	076	074	072	070	068	066	064	062	2	
5		060	058	056	054	052	0 50	048	046	044	042	2	
6 7		040 020	038 018	036 015	034 013	03 2 011	030 009	$028 \\ 007$	$\begin{array}{c} 026 \\ 005 \end{array}$	$024 \\ 003$	$\begin{array}{c} 022 \\ 001 \end{array}$	2 2	
8	-66		997	995	993	991	989	987	985	983	981	2	
9		979	977	975	973	971	969	967	965	963	961	2	
2140		959	957	955	953	951	948	946	944	942	940	2	
1		938	936	934	932	930	928	926	924	922	920	2	
2 3		918 898	916 896	914 894	$\begin{array}{c} 912 \\ 892 \end{array}$	910 890	908 888	906 886	$\begin{array}{c} 904 \\ 884 \end{array}$	$\begin{array}{c} 902 \\ 882 \end{array}$	900 880	2 2	
4		878	875	873	871	869	867	865	863	861	859	2	
5		857	855	85 3	851	849	847	845	843	841	839	2	
6		837	835	833	831	829	827	825	823	821	819	2	
7	1	817	815	813	811	809	807	805	803	801	799	2	
8		797 776	795 7 74	$\begin{array}{c} 793 \\ 772 \end{array}$	791 770	788 768	786 766	$\begin{array}{c} 784 \\ 764 \end{array}$	$\begin{array}{c} 782 \\ 762 \end{array}$	780 760	778 758	2 2	
									-			1	
2150		756	754	752	750	748	746	744	742	740	738	2	
	1											1	

).		0	1	2	3	4	5	6	7	8	9	D.	P.P.
0 1 2 3 4	-66	756 736 716 696 675	754 734 714 694 673	752 732 712 692 671	750 730 710 690 669	748 728 708 688 667	746 726 706 686 665	744 724 704 683 663	742 722 702 681 661	740 720 700 679 659	738 718 698 677 657	2 2 2 2 2	
5 6 7 8 9		655 635 615 595 575	653 633 613 593 573	651 631 641 591 571	649 629 609 589 569	647 627 607 587 567	645 625 605 585 565	643 623 603 583 563	641 621 601 581 561	639 619 599 5 7 9 559	637 617 597 577 557	2 2 2 2 2	
0 1 2 8 4		555 535 514 494 474	553 533 512 492 472	551 531 510 490 470	549 528 508 488 468	547 526 506 486 466	545 524 504 484 464	548 522 502 482 462	541 520 500 480 460	589 518 498 478 458	537 516 496 476 456	2 2 2 2 2	
5 6 7 8 9		454 434 414 394 374	452 432 412 392 372	450 430 410 390 370	448 428 408 388 368	446 426 406 386 366	444 424 404 384 364	442 422 402 382 362	440 420 400 380 360	438 418 398 378 358	436 416 396 376 356	2 2 2 2 2	
0 1 2 3 4		354 334 314 294 274	352 332 312 202 272	350 330 310 290 270	348 328 308 288 268	346 326 306 286 266	344 324 304 284 264	342 322 302 282 262	340 320 300 280 260	338 318 298 278 258	336 316 296 276 256	2 2 2 2 2	
5 6 7 8 9		254 234 214 194 174	252 232 212 192 172	250 230 210 190 170	248 228 208 188 168	246 226 206 186 166	244 224 204 184 164	242 222 202 182 162	240 220 200 180 160	238 218 198 178 158	236 216 196 176 156	2 2 2 2 2	
1 2 3 4		154 134 115 095 075	152 182 113 098 078	150 130 111 091 071	148 128 109 089 069	146 126 107 087 067	144 124 105 085 065	142 122 103 088 063	140 120 101 081 061	138 119 099 079 059	186 117 097 077 057	2 2 2 2	
5 6 7 8 9	-05	055 035 015 995 975	053 033 013 993 973	051 031 011 991 971	049 029 009 989 969	047 027 007 987 987	045 025 005 985 966	043 028 003 988 964	041 021 001 981 962	039 019 *999 979 960	037 017 *997 977 958	2222	
00 1 2 3 4		956 936 916 896 876	954 934 914 894 874	952 982 912 892 872	950 980 910 890 870	948 928 908 888 868	946 926 906 886 866	944 924 904 884 864	942 922 902 882 862	940 920 900 880 861	938 918 898 878 8 5 9	2 2 2 2	
6 7 8 9		857 837 817 797 777	855 835 815 795 776	853 833 813 798 774	851 831 811 791 772	849 829 809 789 770	847 827 807 787 768	845 825 805 785 766	843 828 803 783 764	841 821 801 781 762	839 819 799 779 760	2 2 2 2 2	
00		758	756	754	752	750	748	746	744	742	740	2	
				å	ubtra	t Proj	portiona	l Part	8.				99

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2200 1 2 3 4	·65 758 738 718 699 679	736 716 697	754 734 714 695 675	752 732 712 693 673	750 730 710 691 671	748 728 708 689 669	726 706 687	724 704 685	$\begin{array}{c} 722 \\ 702 \end{array}$		2 2 2 2 2	
5 6 7 8 9	659 639 620 600 580	657 637 618 598 578	655 636 616 596 576	653 634 614 594 575	651 632 612 592 573	649 630 610 590 571	647 628 608 588 569	645 626 606 586 567	643 624 604 584 565	641 622 602 582 563	2 2 2 2 2 2	
2210 1 2 3 4	561 541 521 502 482	559 539 520 500 480	557 537 518 498 478	555 535 516 496 476	553 533 514 494 474	551 531 512 492 472	549 529 510 490 470	547 527 508 488 469	545 525 506 486 467	543 523 504 484 465	2 2 2 2 2 2	
5 6 7 8 9	463 443 423 404 384	461 441 421 402 382	459 439 420 400 380	457 437 418 398 378	455 435 416 396 376	453 433 414 394 374	451 431 412 392 373	449 429 410 390 371	447 427 408 388 369	445 425 406 386 367	2 2 2 2 2	
2220 1 2 3 4	365 345 326 306 287	363 343 324 304 285	361 341 322 302 283	359 339 320 300 281	357 337 318 298 279	355 335 316 296 277	353 333 314 294 275	351 331 312 292 273	349 330 310 290 271	347 328 308 288 269	2 2 2 1 2	
5 6 7 8 9	267 247 228 208 189	265 246 226 207 187	263 244 224 205 185	261 242 222 203 183	259 240 220 201 181	257 238 218 199 179	255 236 216 197 177	253 234 214 195 175	251 232 212 193 173	249 230 210 191 171	2 2 2 2 1	
2230 1 2 3 4	170 150 131 111 092	168 148 129 109 090	166 146 127 107 088	164 144 125 105 086	162 142 123 103 084	160 140 121 101 082	158 138 119 099 080	156 136 117 098 078	154 134 115 096 076	152 133 113 094 074	2 2 2 2 2 2	
5 6 7 8 9	072 053 033 014 •64 995	070 051 031 012 993	068 049 030 010 991	066 047 028 008 989	064 045 026 006 987	063 043 024 004 985	061 041 022 002 983	059 039 020 000	057 037 018 *998	055 035 016 *997	2 2 2 2 2	
2240 1 2 3 4	975 956 936 917 898	973 954 935 915 896	971 952 933 913 894	969 950 931 911 892	967 948 929 909 890	966 946 927 907 888	964 944 925 905 886	962 942 923 904 884	960 940 921 902 882	958 938 919 900 880	2 2 2 2 2 2	
5 6 7 8 9	878 859 840 820 801	876 857 838 818 799	874 855 836 817 797	873 853 834 815 795	871 851 832 813 793	869 849 830 811 79 1	867 847 828 809 789	865 845 826 807 788	863 844 824 805 786	861 842 822 803 784	2 2 2 2 2 2	
2250	782	780	7 78	776	774	772	770	768	766	764	2	

1 2 3	64 782 762			W-1 - 25 - 10154944	4		6	7	8	9	D.	P.P.
1 2 3	762		778	776	774	772	770	768	766	764	2	
3		761	759	757	755	753	751	749	747	745	2	
	743		739	737	735	734	732	730	728	726	2	
	724		720	718	716	714	712	710	708	707	2	
4	705	703	701	699	697	695	693	691	689	687	2	
5	687		681	680	678	676	674	672	670	668	2	
6	660		662	660	658	656	655	653	65.1	649	2	
7	6.17		643	641	689	637	635	633	631	630	2	
8	625		624	622	620	618	616	614	612	610	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$	
9	608	608	605	603	601	599	597	595	593	591	-	
2260	581		585	583	581	580	578	576	574	572	2	
1	670		566	564	562	560	558	557	555	553	2	
2	551		547	545	543	541	539	537	535	533	1	
3	531		528	526	524	522	520	518	516	514	2	
4	613	610	609	507	505	503	601	499	497	495	2	
5	493		489	487	486	484	482	480	478	476	2	
6	47.		470	468	466	464	463	461	459	457	2	
7	453		451	4.19	147	445	448	441	440	438	2	
8	431		432	430	428	426	424	422	420	418	1	
θ	417	415	413	411	409	407	405	403	401	399	2	
2270	391		394	392	300	388	386	384	382	880	2	
1	371		374	373	371	369	367	365	303	361	2	
2	359		366	353	852	350	348	346	344	342	2 2	
8	3 10		336	334	332	331	329 309	$\frac{327}{308}$	325 300	$\frac{323}{304}$	2	
4	32	310	317	315	313	311	aus	396	300	304	-	
5	30		208	296	294	292	290	288	287	285	2	
6	283		279	277	275	273	271	269	268	266	2]
7	26		260	258	256	254	252	250	248	247	2	
8	24		241	239	237	235	233	$\frac{231}{212}$	229 210	$\begin{array}{c} 227 \\ 208 \end{array}$	1 1	1
9	30	1 224	300	220	218	210	214	شد الشد	210	200		
2280	20	7 205	203	201	199	197	195	193	191	189	2	
1	18		184	182	180	178	176	174	172	170	2	
2	16		165	163	161	150	157	155	153	151	2	
8	14		146	144	143	140	138	186	134	132	2 2	1
4	13	128	127	125	123	121	119	117	115	113	-	l
5	11	1 109	108	100	104	102	100	880	096	094	2	
6	0.0		ORD	087	085	083	081	079	077	075	2	
7	07		070	068	066	064	062	060	058	056	2	
8	0.5		051	049	047	045	048	041	039	037	2	l
9	03	5 084	032	030	028	026	024	022	020	018	2	
2290	01	015	018	011	009	007	005	003		*999	2	
						988	986	984	982	980	1	
2	97		975	973	971	969	967	965	$963 \\ 944$	$\frac{961}{943}$	1 2	1
8	96		956	954	952	950	948 929	$946 \\ 927$	926	924	2	
4	94	1 839	937	935	988	931	0.23	បត់រ	u at	0.54		
5	92		918	916	914	912	910	908	907	905	2	
6	90		899	897	895	898	891	890	888	886	2 2	
7	88		880	878	876	874	878	871	869 850	867	2	
8	86		861	859	857	856 837	854 835	852 833	831	829	2	
9	H-4	0 844	842	840	889	oat	gau					
2300	82	7 825	823	822	820	818	816	814	812	810	2	

	_												
No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2300	-63	3 827	825	823	822	820	818	816	81	4 81	2 810	2	
1		808	806	805	803	801	799	797	7 79	5 79:	3 791	2	
2 3		789 771	788 769				780 761						{
3 4		752		748			742						[
5		733	731	729	727	725	723	722	720	718	716	2	
6		714	712	710	708	707	705	703	70	L 699	697	2	
7 8		695 676	693 675	$691 \\ 673$		688 669	686 667					2	
9		658	656	654		650	648					2	
2310		639	637	635	633	631	62 9	628	626	624	622	2	
1	ļ	620	618	616	614	612	611	609				2	
2 3		$\begin{array}{c} 601 \\ 582 \end{array}$	599 581	597 579	596 577	594 575	592 573	59 0 571				2 2	
4		564	562	560	558	556	554	552				2	
5		545	543	541	53 9	537	536	534	532	530	528	2	
5 6 7		526	524	522	521	519	517	515	513	511	509	2	
7 8		$\begin{array}{c} 507 \\ 489 \end{array}$	506 487	504 485	502 483	$\frac{500}{481}$	498 479	$\frac{496}{477}$	$\frac{494}{476}$			2 2	
9		470	468	466	464	462	461	459	457			2	
2320		451	449	447	446	444	442	440	438	436	434	2	
1 1		432	431	429	427	425	423	421	419	418	416	2	
2 3		$\frac{414}{395}$	$\begin{array}{c} 412 \\ 393 \end{array}$	$\begin{array}{c} 410 \\ 391 \end{array}$	408 389	406 388	404 386	403 384	401 382	399 380		2 2	
4		376	375	373	371	369	367	365	363		360	2	
5 6		358	356	354	352	350	348	346	345	343	341	2	
6		339	337	335	333	332	330	328	326			2	
7 8		$\begin{array}{c} 320 \\ 302 \end{array}$	318 300	$\begin{array}{c} 317 \\ 298 \end{array}$	$\frac{315}{296}$	$\begin{array}{c} 313 \\ 294 \end{array}$	$\frac{311}{292}$	309 291	307 289	305 287	$\frac{304}{285}$	$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	
9		283	281	279	277	276	274	272	270	268	266	2	
2330		2 64	263	261	259	257	255	253	251	249	248	2	
1		246	244	242	240	238	236	235	233	231	229	2	
3		$\begin{array}{c} 227 \\ 209 \end{array}$	$\begin{array}{c} 225 \\ 207 \end{array}$	$\begin{array}{c} 223 \\ 205 \end{array}$	$\begin{array}{c} 222 \\ 203 \end{array}$	$\begin{array}{c} 220 \\ 201 \end{array}$	$\frac{218}{199}$	216 19 7	$\frac{214}{195}$	$\frac{212}{194}$	$\begin{array}{c} 210 \\ 192 \end{array}$	1 2	
4		190	188	186	184	182	181	179	177	175	173	2	
5		171	169	168	166	164	162	160	158	156	155	2	
6		153	151	149	147	145	143	142	140	138	136	2	
7 8		134 116	$\begin{array}{c} 132 \\ 114 \end{array}$	$\frac{130}{112}$	$\frac{129}{110}$	$\begin{array}{c} 127 \\ 108 \end{array}$	$\begin{array}{c} 125 \\ 106 \end{array}$	$\frac{123}{104}$	$\frac{121}{103}$	119 101	117 099	1	
9		097	095	093	091	090	088	086	084	082	080	2 2	
2340	•	078	077	075	073	071	069	067	065	064	062	2	
1		060	058	056	054	052	051	049	047	045	043	2	
3		$\begin{array}{c} 041 \\ 023 \end{array}$	$\begin{array}{c} 039 \\ 021 \end{array}$	038 019	$\begin{array}{c} \textbf{036} \\ \textbf{017} \end{array}$	034 015	032	030	028	026	025	2	ı
4		004	002		*999		014 *995	012 *993	010 *991	008 *989	006 *988	2 2	
5	·62	986	984	982	980	978	976	975	973	971	969	2	ĺ
6		967	965	963	962	960	958	956	954	952	951	2	- 1
7 8		949 930	$\begin{array}{c} 947 \\ 928 \end{array}$	$\begin{array}{c} 945 \\ 926 \end{array}$	943	941	939	938	936	934	932	2	i
9		912	910	908	925 906	923 904	$\begin{array}{c} 921 \\ 902 \end{array}$	919 901	$\begin{array}{c} 917 \\ 899 \end{array}$	915 897	914 895	2 2	Ì
2350		893	891	890	888	886	884	882	880	878	877	2	ĺ
102				Sı	ıbtracı	Propo	rtional	Parts					

о.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
50 1 2 3 4	-62	898 875 856 838 819	891 873 854 836 818	890 871 853 834 816	888 869 851 832 814	886 867 849 830 812	884 866 847 829 810	882 864 845 827 808	880 862 843 825 806	878 860 841 823 805	877 858 840 821 803	2 2 2 2 2 2	
5 6 7 8 9		801 782 764 746 727	709 781 762 744 725	797 779 760 742 724	795 777 759 740 722	794 775 757 738 720	792 773 755 736 718	790 771 753 735 716	788 770 751 733 714	786 768 749 731 712	784 766 747 729 711	2 1 2 2	
60 1 2 3 4		709 690 672 654 635	707 689 670 652 633	705 687 668 650 632	703 685 666 648 630	701 683 665 646 628	700 681 663 644 626	698 679 661 643 624	696 678 659 641 622	694 676 657 639 621	692 674 655 637 619	2 2 1 2 2	
5 6 7 8 9		617 599 580 562 543	615 597 578 500 542	613 595 577 558 540	611 593 575 556 588	610 591 578 554 536	608 580 571 553 534	606 588 569 551 582	604 586 567 549 531	602 584 565 547 529	600 582 564 545 527	1 2 2 2 2	
70 1 2 8 4		525 507 489 470 452	528 505 487 408 450	522 508 485 467 448	520 501 483 465 446	518 500 481 468 445	516 498 479 461 448	514 490 478 459 441	512 494 476 457 439	511 492 474 456 437	509 490 472 454 485	2 2 2 1	
5 6 7 8 9		434 415 307 370 361	432 414 395 377 359	430 412 393 875 887	428 410 302 373 355	426 408 390 372 353	424 406 388 370 351	428 404 386 368 350	421 403 384 366 348	419 401 382 864 846	417 399 381 862 344	2 2 1 2	
80 1 2 3 4		342 324 306 288 269	340 322 304 286 268	339 320 302 384 286	337 319 300 282 264	885 817 299 280 262	888 815 297 278 260	881 818 295 277 258	330 311 293 275 257	828 809 291 278 255	826 308 289 271 253	2 2 2 2 2	
5 6 7 8 9		251 288 215 197 178	249 281 213 195 177	248 229 211 193 175	246 227 209 191 173	244 226 207 189 171	242 224 206 187 169	240 222 204 186 167	238 220 202 184 166	237 218 200 182 164	285 217 198 180 162	22122	
1 2 8 4		160 142 124 106 088	158 140 122 104 086	157 138 120 102 084	155 137 118 100 082	153 135 117 098 080	161 183 115 097 079	149 131 113 095 077	147 129 111 093 075	146 128 109 091 073	144 126 108 089 071	22212	
5 6 7 8 9	-61	069 051 033 015 997	088 050 031 013 995	066 048 030 011 993	064 046 028 010 992	062 044 026 008 990	060 042 024 006 988	059 040 022 004 986	057 039 021 002 984	055 037 019 001 982	053 035 017 *999 981	22222	
00		979	977	975	973	972	970	968	966	964	968	2	

COLOGS.

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2400 1	·61 979 961					970 952			964 946		2 2	
2 3 4	943 925 907	923	921	937 919 901		934 916 898	914	930 912 894	928 910 892	908	1 1 2	
5 6 7 8 9	888 870 852 834 816	869	867	883 865 847 829 811	881 863 845 827 809	879 861 843 825 807	878 860 842 824 806	876 858 840 822 804	874 856 838 820 802	872 854 836 818 800	2 2 2 2 2 2	
2410 1 2 3 4	798 780 762 744 726	796 778 760 742 724	795 777 759 741 723	793 775 757 739 721	791 773 755 737 719	789 771 753 735 717	787 769 751 733 715	786 768 750 732 714	784 766 748 730 712	782 764 746 728 710	2 2 2 2 2 2	•
5 6 7 8 9	708 690 672 654 636	706 689 671 653 635	705 687 669 651 633	703 685 667 649 631	701 683 665 647 629	699 681 663 645 627	697 680 662 644 626	696 678 660 642 624	694 676 658 640 622	692 674 656 638 620	2 2 2 2 2	
2420 1 2 3 4	618 601 583 565 547	617 599 581 563 545	615 597 579 561 543	613 595 577 559 541	611 593 575 557 540	609 592 574 556 538	608 590 572 554 536	606 588 570 552 534	604 586 568 550 532	602 584 566 549 531	1 1 1 2 2	
5 6 7 8 9	529 511 493 475 457	527 509 491 473 455	525 507 489 472 454	523 506 488 470 452	522 504 486 468 450	520 502 484 466 448	518 500 482 464 447	516 498 480 463 445	515 497 479 461 443	513 495 477 459 441	2 2 2 2 2 2	
2430 1 2 3 4	439 422 404 386 368	438 420 402 384 366	436 418 400 382 364	434 416 398 380 363	432 414 397 379 361	430 413 395 377 359	429 411 393 375 357	427 409 391 373 355	425 407 389 372 354	423 405 388 370 352	1 1 2 2 2	
5 6 7 8 9	350 332 314 297 279	348 330 313 295 277	347 329 311 293 275	345 327 309 291 273	343 325 307 290 272	341 323 306 288 270	339 322 304 286 268	338 320 302 284 266	336 318 300 282 265	334 316 298 281 263	2 2 1 2 2	
2440 1 2 3 4	261 243 225 208 190	259 241 224 206 188	257 240 222 204 186	256 238 220 202 185	254 236 218 201 183	252 234 217 199 181	250 233 215 197 179	249 231 213 195 177	247 229 211 193 176	245 227 209 192 174	2 2 1 2 2	
5 6 7 8 9	172 154 137 119 101	170 153 135 117 099	169 151 133 115 098	167 149 131 114 096	165 147 130 112 094	163 145 128 110 092	161 144 126 108 090	160 142 124 106 089	158 140 122 105 087	156 138 121 103 085	2 1 2 2 2 2	
2450	083	082	080	078	076	075	073	071	069	067	1	

Subtract Proportional Parts.

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2450 1 2 3 4	-61 083 066 048 030 013	082 064 046 028 011	080 062 044 027 009	078 060 043 025 007	076 059 041 023 005	075 057 039 021 004	078 055 037 020 002	071 053 036 018 000	069 051 034 016 *998	067 050 032 014 *997	1 2 2 1 2	
5 6 7 8 9	460 995 977 959 942 924	993 975 958 940 922	991 974 956 938 921	990 972 954 937 919	988 970 952 935 917	986 968 951 933 915	984 967 949 931 914	982 965 947 929 912	981 963 945 928 910	979 961 944 926 908	2 2 2 2 2	
2460 1 2 3 4	906 889 871 854 836	905 867 869 852 834	903 885 868 850 832	901 884 866 848 831	809 882 864 847 829	898 880 862 845 827	896 878 861 843 825	894 876 859 841 824	892 875 857 839 822	891 873 855 838 820	2 2 1 2 2	
5 6 7 8 9	818 801 783 705 748	817 700 781 764 746	815 797 780 762 744	813 795 778 700 743	811 794 770 758 741	800 792 774 757 739	808 790 773 755 737	806 788 771 753 736	804 787 769 751 734	802 785 767 750 732	1 2 2 2 2	
2470 1 2 3 4	730 713 695 678 660	729 711 693 676 658	727 709 692 674 657	725 707 690 672 655	728 706 688 671 653	722 704 686 669 651	720 702 685 667 649	718 700 683 665 648	716 699 681 664 646	714 697 679 662 644	1 2 1 2	
5 6 7 8 9	642 625 607 590 572	641 628 606 588 571	639 621 604 586 683	687 620 602 585 567	635 618 600 583 565	634 616 599 581 564	632 614 597 579 562	630 613 595 578 560	628 611 593 576 558	627 609 592 574 557	22222	
2480 1 2 3 4	555 537 520 502 485	558 536 518 501 483	851 834 816 409 481	550 532 515 497 480	548 530 513 495 478	546 529 511 494 476	544 527 509 492 474	548 525 508 490 478	541 523 506 488 471	539 522 504 487 469	2 2 2 2 2 2	
5 6 7 8 9	467 450 432 415 898	406 448 431 413 396	464 446 429 411 894	462 445 427 410 892	460 443 425 408 391	459 441 424 406 389	457 439 422 404 887	455 438 420 403 885	458 436 419 401 384	452 434 417 399 382	2 2 2 1 2	
2490 1 2 3	863 863 845 828 810	378 361 343 326 309	377 359 343 324 307	375 357 340 323 305	378 356 338 321 303	371 354 336 319 302	370 352 335 317 300	368 350 333 316 208	366 349 331 314 296	364 347 330 312 295	1 2 2 2 2	
5 6 7 8 9	293 276 258 241 223	291 274 256 239 239	250 252 255 255 287 220	278 270 253 236 218	286 269 281 284 216	284 267 249 282 215	283 265 248 230 213	281 263 246 229 211	279 262 244 227 209	277 260 242 225 208	1 2 1 2 2	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2500 1 2 3	·60 206 189 171 154	187 170	185 168	$\frac{183}{166}$	199 182 164 147	197 180 163 145	$\frac{178}{161}$	$\frac{176}{159}$	175 157	190 173 156 138	1 2 2 1	
4	137			181	130	128	126	124	123	121	2	
5 6 7 8 9	119 102 085 067 050	100 083 066	116 098 081 064 046	114 097 079 062 045	112 095 078 060 043	111 093 076 059 041	109 091 074 057 040	107 090 072 055 038	105 088 071 053 036	104 086 069 052 034	2 1 2 2 1	
2510 1 2 3 4	033 015 098 981 963	031 014 996 979 962	029 012 995 977 960	027 010 993 976 958	026 008 991 974 957	024 007 989 972 955	022 005 988 970 958	021 003 986 969 951	019 001 984 967 950	017 000 982 965	2 2 1 2 2 2	
5 6 7 8	946 929 912 894	944 927 910 893	943 925 908 891	941 924 907 889	939 922 905 888	938 920 903 886	936 919 901 884	934 917 900 882	932 915 898 881	948 931 913 896 879	21 22 2	
2520 1 2 3 4	877 860 843 825 808 791	875 858 841 824 807 789	874 856 839 822 805 788	872 855 838 820 803 786	870 858 836 819 801 784	869 851 834 817 800 782	850 832 815 798 781	865 848 831 813 796 779	863 846 829 812 705 777	862 844 827 810 793 776	2 - 9 9 9 9	
5 6 7 8 9	774 757 739 722 705	772 755 788 721 703	770 758 786 719 702	769 752 734 717 700	767 750 738 715 698	765 748 731 714 697	764 746 720 712 696	762 745 727 710 693	760 743 726 709 691	758 741 724 707 690	1 - 21 21 21 21	
2530 1 2 3 4	688 671 654 636 619	686 669 652 635 618	685 667 650 633 616	683 666 648 631 614	681 664 647 680 612	679 662 645 628 611	678 660 648 626 609	676 659 642 624 607	674 657 640 628 606	678 685 638 621 604	21222	
5 6 7 8 9	602 585 568 551 534	600 583 566 549 532	599 582 565 547 530	597 580 568 546 529	595 578 561 544 527	594 577 559 542 525	592 575 558 541 523	690 678 680 680 822	589 571 554 587 520	587 570 558 585 518	2 2 2 1	7 1 10 10 10 10 10 10 10 10 10 10 10 10 1
2540 1 2 8 4	517 500 482 405 448	515 498 481 464 447	513 496 479 462 445	511 494 477 460 448	510 493 476 459 441	508 491 474 457 440	506 489 472 455 488	505 488 470 453 430	503 486 469 452 435	501 484 467 450 488	1 3 2 2 3	
5 6 7 8 9	481 414 897 380 863	430 412 395 378 361	428 411 894 877 860	426 409 392 375 358	424 407 890 878 856	423 406 389 372 354	421 404 887 870 853	419 402 385 368 851	418 401 383 366 349	416 399 382 365 348	2 2 2 2 2 2	
1550	346	844	843	841	339	387	336	334	332	331	2	100

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2550 1	.29	346 329	344 327	343 326	341 324	339 322	387 320	336 319	334 317	332 315	331 314	2 2	
2 3 4		$\frac{312}{295}$ $\frac{278}{278}$	$\frac{310}{293}$ $\frac{276}{276}$	309 202 275	$\frac{307}{290}$ $\frac{273}{273}$	$\frac{305}{288}$ $\frac{271}{271}$	303 286 269	302 285 268	300 283 266	$298 \\ 281 \\ 264$	$297 \\ 280 \\ 263$	$\begin{bmatrix} 2\\2\\2 \end{bmatrix}$	
5 6 7		$261 \\ 244 \\ 227$	259 242 225	258 241 224	256 239 222	254 237 220	252 285 218	$251 \\ 234 \\ 217$	249 232 215	$247 \\ 230 \\ 213$	246 229 212	$\begin{bmatrix} 2\\2\\2 \end{bmatrix}$	
8 9		210 193	208 191	207 190	205 188	203 186	201 184	200 183	198 181	196 179	195 178	$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	
2560 1 2		176 159 142	174 157 140	173 166 139	171 154 137	169 152 135	168 151 134	166 149 132	164 147 130	$162 \\ 145 \\ 129$	161 144 127	2 2 2	1
3 4		125 108	123	122	120 103	118 101	117	115 098	113 096	112 095	110 093	2 2	
5 6 7		$091 \\ 074 \\ 057$	090 073 056	088 071 054	086 069 0 52	084 068 051	083 066 049	081 064 047	$079 \\ 062 \\ 046$	078 061 044	076 059 042	$\begin{bmatrix} 2\\2\\2 \end{bmatrix}$	
8		040	039	037	035	034	032 015	030	029 012	027 010	025 008	1	
2570 1 2	·58	990 973	005 988 971	003 986 970	002 985 968	988 966	*998 981 964	980 963	*995 978 961	$\begin{array}{c} 976 \\ 959 \end{array}$	$\begin{array}{c} 975 \\ 958 \end{array}$	$egin{bmatrix} 1 \\ 2 \\ 2 \\ \end{bmatrix}$	
3 4		956 939	954 9 37	953 936	951 934	949 932	948 931	946 929	944 927	948 926	941. 924	2 2	
5 6 7		922 905 889	921 904 887	919 902 885	917 900 884	916 899 882	914 897 880	912 895 878	910 894 87 7	909 892 875	907 890 873	2 1 1	ł
8		872 855	870 863	868 168	867 850	865 848	846 846	845	860 843	858 841	857 840	2 2	
2580 1 2		838 821 804	836 820 808	835 818 801	833 816 799	831 814 798	830 813 706	828 811 794	826 809 793	825 808 791	823 806 789	2 2 1	
3 4		788 771	786 769	784 707	783 766	781 764	779 762	777 761	776 759	774 757	772 756	1 2	į
5 6 7		754 737 720	752 785 719	751 734 717	749 732 715	747 730 714	746 729 712	744 727 710		741 724 707	739 722 705	2 2 1	
8 9		704 687	702 685	700 683	699	680	695 678	694 677	692 675	690 673	688 672	2	
2590 1 2		670 653 637	668 652 685	650 633	665 648 631	663 647 630	662 645 628	626	625	657 640 623	655 638 621	1 1	
8 4		620	618	616	615	613 596	611 595	610 593		606 590	588 588	2 2	
5 6 7		553 553	585 568 551	543 566 549	565 548	580 563 546	578 561 544	576 559 543	558 541	578 556 539	571 554 538	1 1 2	
8		536 519	534 518	533 516	531 514	529 513	528 511	509		523 506	521 504	1	
2600		503	501	499	498	498	494 portions			489	488	2	107

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2600	-58 503	501	499	498	496	494	493	491	489	488	2	
2000	486					478	476	474	473		2	
2	469					461					1	
3 4	453 436					444 428			439 423		2 2	
7	1	101	100			~~	2 444 17				1~	
5	419					411					1	
6	403				$\frac{396}{379}$	$\frac{394}{378}$			$\frac{389}{373}$		$\begin{vmatrix} 2\\2 \end{vmatrix}$	
7 8	386 369					361	359				i i	
ğ	353		349			344		341	339		2	
9610	336	334	333	331	329	328	326	324	323	321	1.	
$\begin{array}{c} 2610 \\ 1 \end{array}$	319	318	316	314	313	311	309				1	
2	303	301	299	298	296	294	293	291	289	288	2	
3	286	284	288	281	279	278		274	273		2	
4	269	268	266	264	263	264	259	258	256	254	l	
5	253	251	250	248	246	245	243	241	210	238	2	
6	236	235	233	231	230	228	220	225	223	221	l ī	
7	220	218	216	215	213	211	210	208	206	205	2	
8 9	203	201	200	198	196	195	193	191	190	188	2	
υ	186	185	183	181	180	178	177	175	173	172	2	
2620	170	168	167	165	163	162	160	158	157	155	2	
1	153	152	150	148	147	145	148	142	140	138	1	
2 3	137 120	$\frac{135}{119}$	$\frac{133}{117}$	$\frac{132}{115}$	$\frac{130}{114}$	128	127	125	128	122 105	2	
4	104	102	100	099	097	005	094	092	090	089	2	
				- 40								
5 6	087 071	085 085	084 067	082 066	080 064	079 062	$077 \\ 061$	075 059	074	072	1 1	
7	054	052	051	049	047	046	044	042	957 011	056 039	2 2	
8 [037	036	034	033	031	029	028	026	024	023	2	
9	021	019	018	010	014	013	011	000	008	uni	2	
2680	004	003	001	*999	*998	*996	*995	4003	+991	+990	2	
1	·57 988	986	985	983	981	980	978	976	975	973	2	
2	971	970	968	966	965	963	962	960	958	11.17	2	
3 4	955 938	953 937	$\begin{array}{c} 952 \\ 935 \end{array}$	950 933	948	947	945	943	942	940	2	
*	000	001	200	uaa	932	930	929	927	925	1124	2	- 1
5	922	920	919	917	915	914	912	910	969	1107	2	
6	905	904	902	901	800	897	896	HD4	HUS	H91	2]
7 8	889 873	887	886	884	882	881	879	H77	Hill	N74	1	l
ő	856	$\begin{array}{c} 871 \\ 854 \end{array}$	869 853	808 851	800 849	848 844	863 846	801 618	Man	858	2	1
		.,,,	(71.7)	Cit's	11.8.64	11.9.11	0.40	wth	M43	H41	1	1
2640	840	888	836	835	833	831	830	HUH	N36	825	2	- 1
$\begin{array}{c c} 1 \\ 2 \end{array}$	823 807	822 805	820	818	817	815	813	812	RIU	HUN	' 1	ı
3	790	789	803 787	802 785	800 784	799 783	797 780	795 779	7114 777	792 775	2	- 1
4	774	772	771	769	707	760	764	762	761	775 759	2	I
5	757	780	781	ngn	n n	gy 4.44						I
6	741	$\begin{array}{c} 756 \\ 739 \end{array}$	$\begin{array}{c} 754 \\ 738 \end{array}$	753 736	751 734	749 783	748	746	744	743	2]
7	725	723	721	720	718	716	731 715	730 713	728 711	720 710	1 2	ł
8	708	707	705	703	702	700	ឲ្យអ	697	695	693	i	
9	692	690	689	687	685	684	682	GNO	479	677	2	
2650	675	674	672	670	669	667	000	664	662	661	2	
1									1704 199	.,,,,	~	

COLOGS	S.
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2600 - 2700

	_	0	1.	2	3	4	5	6	7	8	9	D.	P.P.
٠,٢	7	675	674	672	670	669	667	666	664	662	661	2	
		659	657	656	654	652	651	649	648	646	644	1	ſ
		643	641	639	638	636	634	633	631	630	628	2	- 1
ļ		626	625	623	621	620	618	616	615	613	612	2	
		610	608	607	605	603	602	600	508	597	595	1.	ì
		594	592	000	589	587	585	584	582	580	579	2	1
l		577	576	574	572	571	569	567	566	564	562	1	Į.
		561 545	$\begin{array}{c} 559 \\ 543 \end{array}$	558 541	556 510	554 538	553 536	$\begin{array}{c} 551 \\ 535 \end{array}$	$\begin{array}{c} 549 \\ 533 \end{array}$	548 531	546	1	
		528	527	525	523	622	520	618	517	515	530 513	$\begin{vmatrix} 2 \\ 1 \end{vmatrix}$	
		512	510	509	507	505	504	502	500	499	497	1	
1		496	494	492	391	489	487	480	484	482	481	2	
		470	478	476	474	473	471	460	468	466	465	3	
		483	461	460	458	456	455	453	451	450	448	1	
		447	4-15	443	442	440	438	437	435	434	432	2	
		430	420	427	425	424	422	421	419	417	416	2	
1		414	412	411	409	407	406	404	403	-101	399	1	
		398	396	394	393	391	300	388	386	385	383	2	
		381 365	380 364	378 362	$\begin{array}{c} 377 \\ 360 \end{array}$	375 359	373 35 7	372 355	$\frac{370}{354}$	368 352	367 351	2 2	į
		349	317	346	344	842	341	339	337	336	334	1.	
1		333	331	329	328	326	824	823	321	820	318	2	
		316	315	313	311	310	308	307	305	303	302	2	
		300	298	297	205	294	292	290	289	287	285	1	
		284	282	281	279	277	276	274	272	271	269	1	
		268	266	264	263	261	260	258	256	255	253	2	
		251	250	248	247	245	243	242	240	238	237	2	
		235	234	232	230	229	227	225	20H	222	221	2	
		203	$\frac{217}{201}$	216 199	214 198	$\frac{212}{196}$	211 195	$\frac{209}{193}$	191	206 190	$\frac{204}{188}$	1	
		187	185	188	182	180	178	177	175	174	172	2	
		170	169	167	105	164	162	161	159	157	156	2	
		154	158	151	149	148	146	144	143	141	140	2	
		138	136	135	133	131	130	128	127	125	123	1	
		122	120	119	117	115	114	112	110	109	107	1	
		100	104	102	101	099	097	096	094	098	091	2	
1		089	088	086	085	083	081	080	078	076	075	2	
1		$\begin{array}{c} 073 \\ 057 \end{array}$	072 055	070 054	880 880	067 051	065 049	064 047	062 046	060 044	059 048	2 2	
		041	039	034	036	034	033	031	030	028	026	ĩ	
		025	023	022	020	018	017	015	013	012	010	1	
		009	007	005	004	002	001		*997	*996	*994	2	
1 1	56	992	uni				984					2	
1		976	975	973	972	970	968	967	965	963	962	2	
		960	959	957	955	954	952	951	949	947	946	2	
		944	943	941	939	938	936	984	933	981	930	2	
		928	926	925	923	922	920	918 902	917 901	915 899	914 897	2	
		912	910	909	907 891	905 889	904 888	886	885	883	881	li	
		880 880	894 878	893 87 6	875	873	872	870	868	867	865	î	
		864	862	860	859	857	856	854	852	851	849	1	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2700	.56 864	862	860	859	857	856	854	852	851	849	1	
1	848					840	838	836	835	833	2	
2	831				825	823			819	817	2	
3	815				809 793	807 791			803		2	
4	799	798	796	795	793	191	190	100	786	785	2	
5	783		780	778	777	775		772	770	769	2	
6	767 751		764	$\begin{array}{c} 762 \\ 746 \end{array}$	$761 \\ 745$	759 743		756 740	754	753	2	
7 8	735		748 732	730	729	727		724	$738 \\ 722$	$\begin{array}{c} 737 \\ 721 \end{array}$	$\begin{vmatrix} 2\\2 \end{vmatrix}$	
9	719	717	716	714	713	711		708	706	705	2	
2710	703	701	700	698	697	695	693	692 ⁶	690	689	2	
1	687	685	684	682	681	679		676	674	673	2	
2	671	669	668	666	665	663		660	658	657	2	
3	655	653	652	650	649	647	645	644	642	641	2	
4	639	637	636	634	633	631	629	628	626	625	2	
5	623	621	620	618	617	615	613	612	610	609	2	
6	607	605	604	602	601	599	597	596	594	593	2	
7 8	591 575	589 573	588 572	586 570	$\begin{array}{c} 585 \\ 569 \end{array}$	583 567	581 565	580 564	578 562	$\begin{array}{c} 577 \\ 561 \end{array}$	2 2	
9	559	557	556	554	553	551	549	548	546	545	2	
2720	543	542	540	538	537	535	534	532	530	529	2	
1	527	526	524	522	521	519	518	516	514	513	2	
2	511	510	508	506	505	503	502	500	498	497	2	
3 4	495 479	494 478	$\frac{492}{476}$	$\frac{490}{475}$	489 473	487 471	486 470	484 468	$\begin{array}{c} 482 \\ 467 \end{array}$	$\frac{481}{465}$	2 2	
5	463									•		
6	447	$\begin{array}{c} 462 \\ 446 \end{array}$	460 444	$\frac{459}{443}$	$\begin{array}{c} 457 \\ 441 \end{array}$	455 439	$\begin{array}{c} 454 \\ 438 \end{array}$	$\begin{array}{c} 452 \\ 436 \end{array}$	$\frac{451}{435}$	449 433	$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	
7	431	430	428	427	425	424	422	420	419	417	1	
8	416	414	412	411	409	408	406	404	403	401	ī	
9	400	398	396	395	393	392	390	389	387	385	1	
2730	384	382	381	379	377	376	374	373	371	369	1	
1	368	366	365	363	361	360	358	357	355	354	2	I
2 3	352 336	$\frac{350}{334}$	$\frac{349}{333}$	$\begin{array}{c} 347 \\ 331 \end{array}$	346 330	$\frac{344}{328}$	342	341	339	338	2	1
4	320	319	317	315	314	312	$\begin{array}{c} 327 \\ 311 \end{array}$	$\begin{array}{c} 325 \\ 309 \end{array}$	$\frac{323}{307}$	322 306	$\frac{2}{2}$	i
5	304	303	301	300	298	296	295		292			1
6	288	287	285	284	$\begin{array}{c} 298 \\ 282 \end{array}$	280	279	$\begin{array}{c} 293 \\ 277 \end{array}$	$\frac{292}{276}$	290 274	2	- {
7	273	271	269	268	266	265	263	261	260	258	i	- 1
8 9	$257 \\ 241$	255	253	252	250	249	247	246	244	242	1	ŀ
"	241	239	238	2 36	234	233	231	230	228	227	2	- 1
2740	225	223	222	220	219	217	215	214	212	211	2	
1 2	$\frac{209}{193}$	$\begin{array}{c} 208 \\ 192 \end{array}$	$\frac{206}{190}$	$\begin{array}{c} 204 \\ 189 \end{array}$	203	201	200	198	196	195	2	
3	177	176	174	173	187 171	$\begin{array}{c} 185 \\ 170 \end{array}$	$\begin{array}{c} 184 \\ 168 \end{array}$	$\begin{array}{c} 182 \\ 166 \end{array}$	181 165	179	2	1
4	162	160	158	157	155	154	152	151	149	163 147	1	ĺ
5	146	144	143	141	139	138	136	135	133	132	2	
6	130	128	127	125	124	122	120	119	117	116	2	ł
7 8	114	113	111	109	108	106	105	103	101	100	2	
9	098 083	$\begin{array}{c} 097 \\ 081 \end{array}$	$\begin{array}{c} 095 \\ 079 \end{array}$	094 078	092 076	090	089	087	086	084	1	
					210	075	073	071	070	068	1	1
2750	067	065	064	062	060	059	057	056	054	053	2	
110												

D. P.P.		$\left egin{array}{c} 2 \\ 2 \\ 2 \\ 1 \end{array} \right $	i	2 2 1 1 1	2	2 1 1 1 2 2	1 2 2 1	2 2 1	2 2 1	2 2 1 2 1	1 2 1 2 2 2	1	2 1 2 1	
9		053 037 021 005		974 958 942 926	911	895 879 863 848 832	816 801 785 769	754 738 722	707 691 675	000	644 628 618 597	$\begin{array}{c} 628 \\ 618 \end{array}$	628 618 597 581 566 550 535	628 618 597 581 566 550 535 519 508 488 472 467 441
8	~	054 038 023 007		975 959 944 928	912	897 881 865 849 834	818 802 787 771	755 789 724	708 692 677	661	646 630 614 599	630 614	630 614 599 583 567 552 536	630 614 599 583 567 552 536 521 505 474 458 443 443
7		056 040 024 008		977 961 945 930	914	898 882 867 851 835	819 804 788 772	757 741 725	710 694 678	663	647 631 616 600	$\frac{631}{616}$	631 616 600 585 569 553 538	631 616 600 585 563 553 522 507 491 475 460 444
6		057 041 026 010		978 963 947 931	915	900 884 868 862 837	821 805 790 774	768 748 727	711 696 680	004	664 649 633 617 602	649 633 617	649 633 617 602 586 571 555 539	649 633 617 602 586 571 555 524 508 498 477 461 446
5	era saleskapitari, meni biyanba	059 043 027 011	*996	980 964 948 938	917	901 885 870 854 838	823 807 701 776	760 744 729	718 697 682		666 650 635 619 603	650 635 619	650 619 603 588 572 556 541	650 619 603 588 572 556 541 525 510 494 479 463 447
4		060 045 029 018		982 966 950 934	919	903 887 871 850 840	824 809 798 777	761 746 730	714 619 683		667 652 636 621 605	652 636 621	686 621 605 689 674 668 642	652 636 621 605 689 674 658 642 527 511 496 480
3	~ · ·	062 046 030 015	*999	983 967 952 936	920	904 889 873 857 841	826 810 704 779	768 747 782	716 700 685		669 653 638 622 606	658 638 622	658 638 622 606 591 575 560 544	658 638 622 606 691 675 660 644 628 618 497 482 466 450
2		$064 \\ 048 \\ 032 \\ 016$		985 969 953 937	922	906 890 874 859 843	827 812 796 780	765 749 738	718 702 686		671 655 639 624 608	655 639 624	655 639 624 608 592 577 561 546	655 639 624 608 577 561 546 530 514 499 483 468
1		065 049 034 018	002	986 971 955 939	928	908 892 876 860 845	829 813 798 782	766 750 735	719 708 688	A 20 C)	672 656 641 625 610	656 641 625	656 641 625 610 594 578 563 547	656 641 625 610 594 578 543 547 582 516 500 485 469
0		067 051 035 019	004	988 972 956 941	925	909 893 878 862 846	830 815 799 783	768 752 736	721 705 689		674 658 642 627 611	658 642 627	658 642 627 611 596 580 564 549	658 642 627 611 596 580 564 549 588 517 502 486 471
		•86		-55						i .				

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2800	-55 284	283	281	280	278	276	275	273	272	270	1	
1	269	267	266	264	262	261	259	258	256	255	2	
2	253	252	250	249	247	245	244	242	241	239	1	
3	238	236	235	233	231	230	228	227	225	224	2	
4	222	221	219	218	216	214	213	211	210	208	1	
5	207	205	204	202	201	199	197	196	194	193	2	
6	191	190	188	187	185	183	182	180	179	177	1	
7	176	174	173	171	170	168	166	165	163	162	2	
8	160	159	157	156	154	153	151	149	148	146	1	
9	145	143	142	140	139	137	136	134	132	131	2	
2810	129	128	126	125	123	122	120	119	117	115	1	
1	114	112	111	109	108	106	105	103	102	100	2	
2	098	097	095	094	092	091	089	088	086	085	2	
3	083	081	080	078	077	075	074	072	071	069	1	
4	068	066	065	063	061	060	058	057	055	054	2	
5	052	051	049	048	046	044	043	041	040	038	1	
6	037	035	034	032	031	029	027	026	024	023	2	
7	021	020	018	017	015	014	012	011	009	007	1	
8	006	004	003	001	000	*998	*997	*995	*994	*992	2	
9	•54 990	989	987	986	984	983	981	980	978	977	2	
2820	975	974	972	970	969	967	966	964	963	961	1	
1	960	958	957	955	954	952	950	949	947	946	2	
2	944	943	941	940	938	937	935	934	932	930	1	
3	929	927	926	924	923	921	920	918	917	915	1	
4	914	912	910	909	907	906	904	903	901	900	2	
5	898	897	895	894	892	890	889	887	886	884	1	
6	883	881	880	878	877	875	874	872	870	869	2	
7	867	866	864	863	861	860	858	857	855	854	2	
8	852	851	849	847	846	844	843	841	840	838	1	
9	837	835	834	832	831	829	827	826	824	823	2	
2830	821	820	818	817	815	814	812	811	809	808	2	
1	806	804	803	801	800	798	797	795	794	792	1	
2	791	789	788	786	785	783	781	780	778	777	2	
3	775	774	772	771	769	768	766	765	763	762	2	
4	760	758	757	755	754	752	751	749	748	746	1	
5	745	743	742	740	739	737	736	734	732	731	2	
6	729	728	726	725	723	722	720	719	717	716	2	
7	714	713	711	709	708	706	705	703	702	700	1	
8	699	697	696	694	693	691	690	688	687	685	2	
9	683	682	680	679	677	676	674	673	671	670	2	
2840	668	667	665	664	662	661	659	657	656	654	1	
1	653	651	650	648	647	645	644	642	641	639	1	
2	638	636	635	633	631	630	628	627	625	624	2	
3	622	621	619	618	616	615	613	612	610	609	2	
4	607	606	604	602	601	599	598	596	595	593	1	
5	592	590	589	587	586	584	583	581	580	578	1	
6	577	575	573	572	570	569	567	566	564	563	2	
7	561	560	558	557	555	554	552	551	549	548	2	
8	546	544	543	541	540	538	537	535	534	532	1	
9	531	529	528	526	5 25	523	522	520	519	517	1	
2850	516	514	512	511	5 09	508	506	505	503	502	2	

		0	1	2	3	4	5	6	7	8	9	D.	P.P.
	.54	516	514	512	511	509	508	506	505	503	502	2	
1		500	499	197	196	494	493	491	490	488	487	2	5
		485	484	482	480	479	477	476	474	173	471	1 [
1		470 455	$\frac{468}{453}$	$\frac{467}{452}$	$\frac{465}{450}$	$\frac{464}{449}$	$\frac{462}{447}$	$\frac{461}{445}$	$\begin{array}{c} 459 \\ 444 \end{array}$	458 442	456	$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	
1											441		
١		439	438	436	435	433	432	430	429	427	426	2	
- }		424	$\frac{423}{407}$	421 406	420	$\frac{418}{403}$	$\frac{417}{401}$	$\frac{415}{400}$	414 398	$\frac{412}{397}$	410 395	1 1	
1		394	392	391	389	388	386	385	383	382	380	i	
		379	377	376	374	373	371	369	368	366	365	$\tilde{2}$	
-		363	362	360	359	357	356	354	353	351	350	2	
-		348 333	$\frac{347}{332}$	345 330	344 328	$\frac{342}{327}$	341 825	$\frac{339}{324}$	338 322	$\begin{array}{c} 336 \\ 321 \end{array}$	$\frac{335}{319}$	2	
-		318	316	315	313	312	310	309	307	306	304	i	
		303	301	300	298	297	295	294	292	291	289	ī	
		288	286	285	283	281	280	278	277	275	274	2	
-		272	271	269	268	$\frac{266}{251}$	265 25 0	$\frac{263}{248}$	262	260	259 244	2	
1		257 242	$\frac{256}{241}$	254 239	253 238	236	235	233	$\frac{247}{231}$	$\frac{245}{230}$	228	2	
		227	226	224	222	221	219	218	216	21.5	213	i	
		212	210	209	207	206	204	203	201	200	198	1	
		197	195	194	192	191	189	188	186	185	183	1	
1		182 160	180 165	179 163	177	176 160	174 159	173 157	$\begin{array}{c} 171 \\ 156 \end{array}$	169 154	$\frac{168}{153}$	2 2	j
		151	150	148	147	145	144	142	1.41	139	138	2	
1		136	135	138	132	130	129	127	126	124	123	2	
-		121	120	118	117	115 100	114 098	$\frac{112}{097}$	111 095	$-109 \\ -094$	108	2	
Į		106 091	105 089	801 880	101	085	083	082	080	079	077	i	
		076	074	073	071	070	068	067	065	064	062	i	
		001	059	058	056	055	053	052	050	049	047	1	
		046 081	039	043 028	041 026	040 025	038 023	037	035 020	$034 \\ 019$	032 017	1 1	
1		016	014	013	011	010	008	006	005	003	002	2	
		000		+997			+993			408H		2	
	-51	985	984	982	981	979	978	976	975	973	972	2	
1		970 955	969	967 952	966 951	964 949	963 948	964 916	960 945	958 943	$\frac{957}{942}$	2 2	
		940	954 939	937	930	984	933	931	980	928	927	2	
		925	024	922	921	919	818	916	913	913	912	3	
		910	909	907	906	904	903	901	900	898	897	2	
		898	894	892	891	889	888	880	885	883	882	2 2	
İ		865	879 864	877 862	876 861	874 859	873 858	871 856	870 855	868 858	867 852	2	
		850	849	847	846	844	843	841	840	888	837	2	
		835	884	832	831	829	828	826	825	823	822	2	
ļ		820	819	817	816	814	818	811	810	808	807	2	
		805	804	802	801	799	798	796	795	793	792	2 2	
1		790 775	789 774	787 772	786 771	784 769	783 768	781 766	780 765	$\begin{array}{c} 778 \\ 763 \end{array}$	777 762	2	
							753	751	750	748	747	2	
		760	759	757	756	754	(Da			(370)	1.41	"	118

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2900 1 2 3 4	•53 760 745 730 715 700	744 729 714	742 727 712	741 726 711	1 739 3 724 1 709	753 738 723 708 693	3 736 3 721 3 706	735 1 720 3 705	733 718 703	732 717 702	2 2 2	
5 6 7 8 9	685 670 655 641 626	669 654 639	667 653 638	666 651 636	664 650 635	678 668 648 638 618	661 647 632	660 645 630	658 644 629	657 642 627	$\begin{bmatrix} 2\\1\\1 \end{bmatrix}$	
2910 1 2 3 4	611 596 581 566 551	594 579	608 593 578 563 548	606 591 576 561 547	590 575 5 60	603 588 573 558 544	587 572 557	585 570 556	584 569 554	582 567 553	$egin{array}{c} 1 \ 1 \ 2 \end{array}$	
5 6 7 8 9	536 521 506 491 477	535 520 505 490 475	533 518 503 488 474	532 517 502 487 472	515 500 486	529 514 499 484 469	527 512 497 483 468		524 509 494 480 465	508	2 2 2 1 1	
2920 1 2 3 4	462 447 432 417 402	460 445 430 416 401	459 444 429 414 399	457 442 428 413 398	456 441 426 411 396	454 439 425 410 3 95	453 438 423 408 393	451 436 422 407 392	450 435 420 405 390	448 433 419 404 389	1 1 2 2 2	
5 6 7 8 9	387 373 358 343 328	386 371 356 341 327	384 370 355 340 325	383 368 353 338 324	381 367 352 337 322	380 365 350 335 321	379 364 349 334 319	377 362 347 333 318	376 361 346 331 316	374 359 344 330 315	$egin{bmatrix} 1 \\ 1 \\ 1 \\ 2 \\ 2 \end{bmatrix}$	
2930 1 2 3 4	313 298 284 269 254	312 297 282 267 253	310 295 281 266 251	309 294 279 264 250	307 292 278 263 248	306 291 276 261 247	304 290 275 260 245	303 288 273 258 244	301 287 272 257 242	300 285 270 255 241	2 1 1 1 2	
5 6 7 8 9	239 224 210 195 180	238 223 208 193 179	236 221 207 192 177	235 220 205 190 176	233 218 204 189 174	232 217 202 187 173	280 216 201 186 171	229 214 199 184 170	227 213 198 183 168	226 211 196 182 167	2 1 1 2 2	
2940 1 2 3 4	165 150 136 121 106	164 149 134 119 105	162 148 133 118 103	161 146 131 117 102	159 145 130 115 100	158 143 128 114 099	156 142 127 112 097	155 140 125 111 096	153 139 124 109 094	152 137 122 108 093	2 1 1 2 2	
5 6 7 8 9	091 077 062 047 033	075 061 046	074 059 044	087 072 058 043 028	086 071 056 041 027	084 069 055 040 025	083 068 053 038 024	081 066 052 037 022	080 065 050 035 021	078 068 049 084 019	1 1 2 1 1	
2950	018	016	015	013	012	010	009	007	006	005	2	l

No.	0	1.	2	3	4	5	6	7	8	9	D.	P.P.
2950	-53 018 003	016	015	013 +999 -	012	010	009	007	006	005	2	
$\frac{1}{2}$	-52 988	987	985	984	982	*996 : 981	980	#1113 978	977	*990 9 7 5	2 1	
\tilde{s}	974	972	971	969	968	966	965	963	962	960	î	
4	959	957	956	955	953	952	950	949	947	946	2	
5	944	943	941	940 925	938 924	937	935	934	932	931	1	
6 7	930 915	928 913	$\frac{927}{912}$	910	909	922 908	921 906	919 905	918	$\begin{array}{c} 916 \\ 902 \end{array}$	$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	
8	900	899	897	896	894	893	891	890	888	887	1	
9	886	884	883	881	880	878	877	875	874	872	1	
2000	871	869	868	866	865	863	862	861	859	858	2	
1	856 841	855 840	888 839	852 837	850 886	849 834	847 833	$846 \\ 831$	844 830	843 828	1	
2 3	827	825	824	822	821	820	818	817	815	814	2	
4	812	811	809	808	806	805	803	802	800	799	1	
5	798	796	705	793	792	790	789	787	786	784	1	
6 7	783 768	$\begin{array}{c} 781 \\ 767 \end{array}$	780 765	$778 \\ 764$	$\begin{array}{c} 777 \\ 762 \end{array}$	776 761	$774 \\ 759$	773 758	771 757	770 755	2	
8	754	752	751	749	748	746	745	743	742	740	i	
IJ	739	738	736	735	733	732	730	729	727	726	2	
2970	724	723	721	720	719	717	716	714	713		1	
1 2	710 695	708 694	707 692	$\begin{array}{c} 705 \\ 691 \end{array}$	704 689	702 688	701 686	700 685	$-698 \\ -683$		1 2	
รื	681	679	678	676	675	678	672	670	669		î	
4	666	dua	663	663	660	659	657	656	054	653	2	
5	651	650 635	$648 \\ 634$	$\frac{647}{632}$	$\begin{array}{c} 645 \\ 631 \end{array}$	$\frac{644}{629}$	$\begin{array}{c} 643 \\ 628 \end{array}$	$\frac{641}{626}$	640 625		1 2	
0 7	622	621	619	618	616	615	618	612	610		ī	
8	608	dod	605	603	602	600	599	597	596		1	
9	598	104	590	580	587	886	584	583	581	280	2	
2080	578	577	575	574	573	571	570	508	567		1	
1 2	564 549	648 648	561 546	559 545	558 543	557 542	555 540	$\frac{554}{539}$	552 538		1 2	
3	535	533	533	560	529	527	526	524	523		3	
4	520	519	517	516	514	513	511	510	508	507	1	
ħ	808	ho4	503	501	500	498	497	495	494		1	
6 7	491	490 475	474 474	457 472	485 471	484 469	482 468	481 466	479 465		2	
8	462	460	4.59	458	450	455	453	452	450	449	2	
Ŋ	447	446	445	443	442	440	439	437	436	434	1	
2990	488	431	430	420	427		424	423	421		1 2	
1 2	418	417	415	414	39H	411 397	410 895	408 894	407 392		3	
8	389	SHH	386	385	384	882	381	379	378	876	1	
4	375	373	372	370	369	868	866	305	863	362	3	
5	360	359	357	356	855	353	352	350	349		1 2	
6 7	346 331	344 880	848 828	311	310 326	339 324	337 328	336 321	334 320		1	
8	317	315	314	312	311	310	308	307	305	304	2	
9	302		299	Sun	297	295	294	292	291	289	1.	
8000	288	286	283	284	282	281	279	278	276	275	2	

No.	0	1	2	3	4	5 	6	7	8	9	D.	P.P.
3000	·52 288	286	285	284	282	281	279	278	276	275	2	
1	273	272	271	269	268	266	265	263	262	260	1	
2	259	257	256	255	253	252	250	249	247	246	2	
3	244	243	242	240	239	237	236	234	233	231	1	
4 5 6	230 216 201 187	229 214 200 185	227 213 198 184	226 211 197 182	224 210 195 181	223 208 194 179	221 207 192 178	220 205 191 177	218 204 190 175	217 203 188 174	1 2 1 2	
7 8 9	172 158	171 156	169 155	168 153	166 152	165 151	164 149	162 148	161 146	159 145	1 2	
3010	143	142	140	139	138	136	135	133	132	130	1	
1	129	127	126	125	123	122	120	119	117	116	1	
2	115	113	112	110	109	107	106	104	103	102	2	
3	100	099	097	096	094	093	091	090	089	087	1	
4	086	084	083	081	080	078	077	076	074	073	2	
5	071	070	068	067	066	064	063	061	060	058	1	1
6	057	055	054	053	051	050	048	047	045	044	2	
7	042	041	040	038	037	035	034	032	031	030	2	
8	028	027	025	024	022	021	019	018	017	015	1	
9	014	012	011	009	008	006	005	004	002	001	2	
3020	•51 999	998	996	995	994	992	991	989	988	986	1	
1	985	983	982	981	979	978	976	975	973	972	1	
2	971	969	968	966	965	963	962	960	959	958	2	
3	956	955	953	952	950	949	948	946	945	943	1	
4	942	940	939	938	936	935	933	932	930	929	2	
5	927	926	925	923	922	920	919	917	916	915	2	
6	913	912	910	909	907	906	904	903	902	900	1	
7	899	897	896	894	893	892	890	889	887	886	2	
8	884	883	882	880	879	877	876	874	873	872	2	
9	870	869	867	866	864	863	861	860	859	857	1	
3030	856	854	853	851	850	849	847	846	844	843	2	
1	841	840	839	837	836	834	833	831	830	829	2	
2	827	826	824	823	821	820	818	817	816	814	1	
3	813	811	810	808	807	806	804	803	801	800	2	
4	798	797	796	794	7 93	791	790	788	787	786	2	
5 6 7 8 9	784 770 756 74 1 727	783 768 754 740 726	781 767 753 738 724	780 766 751 737 7 23	778 764 750 736 721	777 763 748 734 720	776 761 747 733 718	774 760 746 731 717	773 758 744 730 715	771 757 743 728 714	1 1 2 1	
3040	713	711	710	708	707	705	704	703	701	700	2	
1	698	69 7	696	694	693	691	690	688	687	686	2	
2	684	683	681	680	678	677	676	674	673	671	1	
3	670	668	667	666	664	663	661	660	658	657	1	
4	656	654	653	651	650	648	647	646	644	643	2	
5	641	640	638	637	636	634	633	631	630	628	1	
6	627	626	624	623	621	620	618	617	616	614	1	
7	613	611	610	608	607	606	604	603	601	600	1	
8	599	59 7	596	594	593	591	590	589	587	586	2	
9	584	583	581	580	579	577	576	574	573	571	1	
3050	570	569	567	566	564	563	561	560	559	557	1	

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No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
9050	-51	570	569	567	566	564	563	561	560	559	557	4	
3050 1		556	554	663	552	550	549	547	546	544	543	1 1	
2		542	540	539	537	536	534	533	532	530	529	2	
3		527	526	524	523	522	520	519	517	516	515	2	
4		613	512	510	509	507	506	505	503	502	500	1	
5		499	497	496	495	493	492	490	489	488	486	1	
- 6	ļ	485	483	482	480	479	478	476	475	473	472	2	
7	1	471)	4159	468	466	465	463	462	461	459	458	2	
8 9		45G 442	$\frac{455}{441}$	$\begin{array}{c} 453 \\ 439 \end{array}$	453 438	451	$\frac{449}{435}$	$\frac{448}{434}$	$\begin{array}{c} 446 \\ 432 \end{array}$	$\frac{445}{431}$	$\frac{443}{429}$	1 1	
naga				1435								١,,	
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8		385	384	389	381	380	378	377	875	374	373	2	
4	1	371	370	High	307	365	364	363	361	3010	358	ī	
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7 8		339	327 313	326	324 310	323 309	322 307	320 306	319	317	316	2 2	
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4		230	228	227	225	11:1	40.13	221	220	218	217	2	
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8		032	031	029	0.28	027	025	024	022	021	020	2	
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7		906	904	917	916	3100	818 818	897	#96 #96	895	893	i	
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9		87 H	876	H75	874	H72	871	869	868	867	865	1	
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5 6 7 8 9	794 780 766 752 738	792 778 764 751 737	791 777 763 749 735	790 776 762 748 734	788 774 760 746 732	787 7 73 759 745 731	785 771 757 744 730	784 770 756 742 728	783 769 755 741 727	781 767 753 739 725	1 1 1 1	
3110	724	723	721	720	718	717	716	714	713	711	1	
1	710	709	707	706	704	703	702	700	699	697	1	
2	696	695	693	692	690	689	688	686	685	683	1	
3	682	681	679	678	677	675	674	672	671	670	2	
4	668	667	665	664	663	661	660	658	657	656	2	
5	654	653	651	650	649	647	646	644	643	642	2	
6	640	639	637	636	635	633	632	630	629	628	2	
7	626	625	624	622	621	619	618	617	615	614	2	
8	612	611	610	608	607	605	604	603	601	600	2	
9	598	597	596	594	593	592	590	589	587	586	1	
3120	585	583	582	580	579	578	576	575	573	572	1	
1	571	569	568	566	565	564	562	561	559	558	1	
2	557	555	554	553	551	550	548	547	546	544	1	
3	543	541	540	539	537	536	534	533	532	530	1	
4	529	528	526	525	523	522	521	519	518	516	1	
5	515	514	512	511	509	508	507	505	504	502	1	
6	501	500	498	497	496	494	493	491	490	489	2	
7	487	486	484	483	482	480	479	477	476	475	2	
8	473	472	471	469	468	466	465	464	462	461	2	
9	459	458	457	455	454	453	451	450	448	447	1	
3130	446	444	443	441	440	439	437	436	434	433	1	
1	432	430	429	428	426	425	423	422	421	419	1	
2	418	416	415	414	412	411	410	408	407	405	1	
3	404	403	401	400	398	397	396	394	393	391	1	
4	390	389	387	386	385	383	382	380	379	378	2	
5	376	375	373	372	371	369	368	367	365	364	2	
6	362	361	360	358	357	355	354	353	351	350	1	
7	349	347	346	344	343	342	340	339	337	336	1	
8	335	333	332	331	329	328	326	325	324	322	1	
9	321	319	318	317	315	3 14	313	311	310	308	1	
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5 6 7 8 9	238 224 210 197 183	237 223 209 195 181	235 221 208 194 180	234 220 206 192 179	232 219 205 191 177	231 217 203 190 176	230 216 202 188 174	228 214 201 187 173	227 213 199 185 172	226 212 198 184 170	2 2 1 1	
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5 6 7 8 9		100 086 073 059 045	099 085 071 057 044	097 084 070 056 042	096 082 068 055 041	095 081 067 053 040	093 079 066 052 038	092 078 064 051 037	090 077 063 049 035	089 075 062 048 034	088 074 060 046 033	2 1 1 1 2	
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5 6 7 8 9		963 949 935 921 908	961 948 934 920 906	960 946 932 919 905	959 945 931 917 904	957 943 930 916 902	956 942 928 915 901	954 941 927 913 900	953 939 926 912 898	952 938 924 911 897	950 937 923 909 895	1 2 2 1 1	
3170 1 2 3 4		894 880 867 853 839	893 879 865 852 838	891 878 864 850 837	890 876 863 849 835	889 875 861 848 834	887 874 860 846 832	886 872 858 845 831	884 871 857 843 830	883 869 856 842 828	882 868 854 841 827	2 1 1 2 1	
5 6 7 8 9		826 812 798 785 771	824 811 797 783 770	823 809 796 782 768	822 808 794 781 767	820 806 793 779 765	819 805 791 778 764	817 804 790 776 763	816 802 789 775 7 61	815 801 787 774 760	813 800 786 772 759	1 2 1 1 2	
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3200	•49	485	484	482	481	480	478	477	476	474	473	2	***************************************
ĭ		471	470	469			465	463	462	461	459	1	
2	1	458	457	455	454		451	450	448	447	446	2	
3		444	443				438	436	435	433		1	
4		431	429	428	427	425	424	423	421	420	419	2	
5		417	416	414	413		410	409	408	406	405	1	
6	1	404 390	$\frac{402}{389}$	$\begin{array}{c} 401 \\ 387 \end{array}$	400 386	398 385	$\begin{array}{c} 397 \\ 383 \end{array}$	396 382	$-394 \\ -381$	$\frac{393}{379}$	391	1 1	
7 8	1	377	375	374	373	371	370	368	367	366	$\frac{378}{364}$	1	
9		363	362	300	359	358	356	355	354	352	361	2	
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5		282	281	279	278	276	276	274	272	271	270	2	
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7 8	[200	$\begin{array}{c} 254 \\ 240 \end{array}$	$\frac{252}{239}$	$\frac{251}{237}$	$\frac{249}{236}$	248 235	$\frac{247}{233}$	245 282	244 231	243 229	2	
9		228	227	225	224	223	221	220	218	217	216	2	
3220		214	213	212	210	209	208	208	205	204	202	1	
1		201	200	198	197	196	104	193	194	190	189	2	
2		187	186	185	183	182	181	179	178	177	175	1	
3 4		$\frac{174}{160}$	$\begin{array}{c} 173 \\ 159 \end{array}$	171 158	$\frac{170}{150}$	$\frac{169}{155}$	$\frac{167}{154}$	$\frac{160}{152}$	165 151	$\begin{array}{c} 163 \\ 150 \end{array}$	162 148	2 1	
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7 8		986	984	983	982	080	979	117's	976	1175	974	1)	
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6		418	417	$\begin{array}{c} 415 \\ 402 \end{array}$	414	413	$\frac{411}{398}$	$\frac{410}{397}$	$\frac{409}{396}$	$\frac{407}{395}$	406 393	1.	
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The sid of the pit ato not hee 1	8550	977	976	97K	979	979	671	ስማለ	nan	044		1	
			- 1 9	-10	410	0,2	917	o į U	ដលប	100	nan	1	

No.		0	1	2	3	4	5	6	7	.8	9	D.	P.P.
3550	-4.4	977	976	975	973	972	971	970	969	967	966	1	
1		$\frac{965}{953}$	$\frac{964}{951}$	$\frac{962}{950}$	961	960	959	958	956	955	954	1	
2 3		940	939	938	$\frac{949}{937}$	$\begin{array}{c} 948 \\ 936 \end{array}$	$\begin{array}{c} 947 \\ 984 \end{array}$	$\frac{945}{933}$	944	943	942	2	
4		928	927	926	925	923	922	921	$\begin{array}{c} 932 \\ 920 \end{array}$	$\frac{931}{918}$	$\begin{array}{c} 929 \\ 917 \end{array}$	1	
5 6		$\frac{916}{904}$	$\frac{915}{903}$	914 901	912 900	$\begin{array}{c} 911 \\ 899 \end{array}$	910 898	909 896	907	906	905	1	
7		892	890	889	888	887	886	884	895 883	$\begin{array}{c} 894 \\ 882 \end{array}$	893 881	$egin{array}{c} 1 \\ 2 \end{array}$	
8		879	878	877	876	875	878	872	871	870	868	ī	
9		867	866	865	864	862	861	860	859	857	856	ī	
3560		855	854	858	851	850	849	848	846	845	844	1	
1		848	842	840	839	838	837	835	884	833	832	ĩ	
2		831	829	828	827	826	825	823	822	821	820	2	
3 4		818 808	$\frac{817}{805}$	816 804	815 803	814 801	812 800	811 799	810 798	809 796	807	1	
											795	1	
5	1	794 782	$\begin{array}{c} 793 \\ 781 \end{array}$	$\frac{792}{779}$	$\begin{array}{c} 790 \\ 778 \end{array}$	789 77 7	788	787	786	784	783	1	
6 7		770	708	767	766	765	$\begin{array}{c} 776 \\ 764 \end{array}$	$775 \\ 762$	$773 \\ 761$	$\begin{array}{c} 772 \\ 760 \end{array}$	$\begin{array}{c} 771 \\ 759 \end{array}$	1	
8		768	756	755	754	753	751	750	749	748	747	2	
9		745	744	748	7.42	740	739	738	787	736	734	1	
3570		$\frac{733}{721}$	$\frac{732}{720}$	$731 \\ 719$	730 717	$728 \\ 716$	$727 \\ 715$	726	725	723	722	1	
$\frac{1}{2}$		709	708	706	705	704	703	$714 \\ 702$	713 700	711 699	710 698	1 1	
3		697	695	694	698	692	691	689	688	687	686	ī	Í
4		685	683	082	681	680	678	677	676	675	674	2	
5		672	671	670	669	668	666	665	664	663	661	1	
8 7		660 648	659 647	$\begin{array}{c} 658 \\ 646 \end{array}$	$\begin{array}{c} 657 \\ 644 \end{array}$	655 648	654 642	658 641	652 640	$\begin{array}{c} 651 \\ 638 \end{array}$	$\begin{array}{c} 649 \\ 637 \end{array}$	1	<u>}</u>
8		636	635	634	632	631	630	629	627	626	625	i	
9		624	623	621	620	619	618	617	615	614	613	1	
8580		612	610	609	608	607	606	604	603	602	601	1	
1		600	598	597 585	596 584	583 583	594 581	592 580	591 579	590 578	589 577	2 2	1
2 8		587 575	586 574	573	572	570	569	568	567	566	564	í	1
Ĭ		563	562	561	560	558	557	556	555	554	552	ī	
5		551	550	549	647	546	545	544	548	541	540	1	
6 7		539 527	538 526	837 524	535 523	534 522	533 521	532 520	530 518	529 517	528 516	1 1	
7 8		515	514	512	511	510	509	507	208	202	504	1	
] ö		503	501	500	499	498	497	495	494	493	492	1	
3590		491	489	488	487	486	485	488	482	481	480	2	
1	1	478	477	476	475	474	472	471	470	469	468	2	
2 3	1	466 454	465 463	464 452	468 451	462 449	460 448	459 447	458 446	457 445	455 448	1 1	1
1		442	441	440	439	487	486	435	484	433	431	i	
5		430	429	428	426	425	424	428	422	420	419	1	
6		418	417	416	414	413	412	411	410	408	407	1	
7		406	405	404	402	401	400	399 387	898 385	896 884	395 388	1	
8 9		394 382	393 3 81	391 379	390 3 78	389 377	388 376	375	373	372	371	i	
8600		870	369	367	366	365	864	363	361	860	859	1	

COLOGS.

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3600 1 2 3 4	.44	370 358 346 334 322	369 356 344 332 320	367 355 343 331 319	366 354 342 330 318	365 353 341 329 317	364 352 340 328 315	363 350 338 326 314	361 349 337 325 313	360 348 336 324 312	347 335 323	1 1 1 1 2	
5 6 7 8 9		309 297 285 273 261	308 296 284 272 260	307 295 283 271 259	306 294 282 270 258	305 293 281 269 256	303 291 279 267 255	302 290 278 266 254	301 289 277 265 253	300 288 276 264 252	263	2 2 2 2 1	
3610 1 2 3 4		249 237 225 213 201	248 236 224 212 200	247 235 223 211 199	246 234 222 210 198	244 232 220 208 196	243 231 219 207 195	242 230 218 206 194	241 229 217 205 193	240 228 216 204 192	238 226 214 202 190	1 1 1 1	
5 6 7 8 9		189 177 165 153 141	188 176 164 152 140	187 175 163 151 139	186 174 162 150 138	184 172 160 148 136	183 171 159 147 135	182 170 158 146 134	181 169 157 145 133	180 168 156 144 132	178 166 154 142 130	1 1 1 1	
3620 1 2 3 4		129 117 105 093 081	128 116 104 092 080	127 115 103 091 079	126 114 102 090 078	124 112 100 088 076	123 111 099 087 075	122 110 098 086 074	121 109 097 085 073	120 108 096 084 072	118 106 094 082 070	1 1 1 1 1	
5 6 7 8 9		069 057 045 033 021	068 056 044 032 020	067 055 043 031 019	066 054 042 030 018	064 052 040 028 017	063 051 039 027 015	$062 \\ 050 \\ 038 \\ 026 \\ 014$	061 049 037 025 013	060 048 036 024 012	058 046 034 022 011	1 1 1 1 2	:
3630 1 2 3 4	· 4 3	009 997 985 973 9 62	008 996 984 972 960	007 995 983 971 959	006 994 982 970 958	005 993 981 969 957	003 991 979 967 956	002 990 978 966 954	001 989 977 965 953	000 988 976 964 952	*999 987 975 963 951	2 2 2 1 1	
5 6 7 8 9		950 938 926 914 902	948 936 924 913 901	947 935 923 911 899	946 934 922 910 898	945 933 921 909 897	944 932 920 908 896	942 930 919 907 895	941 929 917 905 893	940 928 916 904 892	939 927 915 903 891	1 1 1 1 1 1	
3640 1 2 3 4	1 8	890 878 866 854 842	889 877 865 853 841	887 876 864 852 840	886 874 862 851 839	885 873 861 849 837	884 872 860 848 836	883 871 859 847 835	882 870 858 846 834	880 868 856 845 833	879 867 855 843 831	1 1 1 1	
5 6 7 8 9	8	830 818 806 795 783	829 817 805 793 781	828 816 804 792 780	827 815 803 791 779	825 814 802 790 778	824 812 800 789 777	823 811 799 787 775	822 810 798 786 774	821 809 797 785 773	820 808 796 784 772	2 2 1 1 1	
3650	: 2	771	7 0	78	767	766	765	764	762	761	760	1	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3650 1	-43	771 759	770 758	768 756	767 755	766 754	765	764	762	761	760	1	
2		7.17	746	745	743	742	$753 \\ 741$	$\begin{array}{c} 752 \\ 740 \end{array}$	$\begin{array}{c} 750 \\ 739 \end{array}$	$749 \\ 737$	$\begin{array}{c} 748 \\ 736 \end{array}$	1 1	
3		735	734	733	731	730	729	728	727	726	724	1	
4		723	722	721	720	718	717	716	715	714	712	1	
5 6		$\begin{array}{c} 711 \\ 699 \end{array}$	$\begin{array}{c} 710 \\ 698 \end{array}$	$\begin{array}{c} 709 \\ 697 \end{array}$	$\begin{array}{c} 708 \\ 696 \end{array}$	70 7 695	$\begin{array}{c} 705 \\ 693 \end{array}$	$\begin{array}{c} 704 \\ 692 \end{array}$	$\begin{array}{c} 703 \\ 691 \end{array}$	702	701	2	
7		688	080	685	684	683	682	680	679	$\frac{690}{678}$	$\frac{689}{677}$	1 1	
8		676	674	673	672	671	670	669	667	666	665	1	
9		664	663	661	660	659	658	657	655	654	653	1	
3660		652	651	650	648	647	646	645	644	642	641	1	
$\frac{1}{2}$	1	640 628	$\frac{639}{627}$	$\begin{array}{c} 638 \\ 626 \end{array}$	$\begin{array}{c} 636 \\ 625 \end{array}$	$\begin{array}{c} 685 \\ 623 \end{array}$	$\begin{array}{c} 634 \\ 622 \end{array}$	$\begin{array}{c} 633 \\ 621 \end{array}$	$\begin{array}{c} 632 \\ 620 \end{array}$	$\begin{array}{c} 631 \\ 619 \end{array}$	$\begin{array}{c} 629 \\ 617 \end{array}$	1	
3	l	616	615	614	613	612	610	609	608	607	606	1 2	
4		604	603	602	601	600	599	597	596	595	594	1	
5		593 581	591 580	590 578	589 577	588 576	587	585	584	583	582	1	
() 7	}	569	568	567	565	564	575 563	$\begin{array}{c} 574 \\ 562 \end{array}$	$\begin{array}{c} 572 \\ 561 \end{array}$	$\begin{array}{c} 571 \\ 559 \end{array}$	570 558	1	
8		557	556	444	554	552	551	550	549	548	546	ī	
9		046	644	543	542	540	539	538	537	536	535	2)
3670		533 522	532 520	581 519	530 518	$\begin{array}{c} 529 \\ 517 \end{array}$	527	526	525	524	523	1	•
1 2		510	509	507	500	505	$\begin{array}{c} 516 \\ 504 \end{array}$	514 503	513 501	512 500	$511 \\ 499$	1	
8		498	497	496	494	493	492	491	490	488	487	ī	
4		486	485	484	483	481	480	479	478	477	475	1	
5		474	473	472	471	470	468	467	466	465	464	2	
6 7		$\frac{462}{451}$	461 449	460 448	$\frac{459}{447}$	$\frac{458}{446}$	457 445	$\frac{455}{444}$	$\frac{454}{442}$	$\frac{453}{441}$	$\frac{452}{440}$	1	
8		439	438	436	435	434	433	432	431	429	428	1	
9		427	426	425	423	422	421	420	419	418	416	1	
3680	1	415	414	413	412	410	409	408	407	406	405	2	
1 2		403 392	402 890	401 389	400 888	$\begin{array}{c} 399 \\ 387 \end{array}$	398 386	396 385	395 383	394 382	393 381	1	
3		380	379	377	376	375	374	373	372	370	369	1.	i
4		368	367	366	365	363	362	361	360	359	357	1	
B		356	355	354	353	352	350	349	348 336	347	346	2	
6 7		344	343 332	312	341 329	$\begin{array}{c} 340 \\ 328 \end{array}$	339 3 27	$\begin{array}{c} 337 \\ 326 \end{array}$	324	335 323	$\begin{array}{c} 334 \\ 322 \end{array}$	1 1	
8		821	320	319	317	316	315	314	313	311	310	1	
9		309	308	307	806	304	303	302	301	300	299	2	•
8690 1		297	296	295	294	298	291	290	$\frac{289}{277}$	288 276	$\frac{287}{275}$	1	ĺ
2		286 274	284 278	288 271	282 270	$\frac{281}{269}$	280 268	$\frac{279}{267}$	266	264	263	1	}
3		262	201	260	259	257	250	255	254	253	251	1	
4		250	249	248	247	246	244	243	242	241	240	1	
5 6		239	237	236	235	234	238	$\frac{232}{220}$	$\frac{230}{219}$	$\frac{229}{217}$	228 216	1 1	
6 7		$\frac{227}{215}$	226 214	224 218	223 212	$\frac{222}{210}$	221 209	208	207	206	204	1	1
8		203	202	201	200	199	197	196	195	194	193	1	}
9		192	190	189	188	187	186	185	183	182	181	1	
3700		180	179	177	176	175	174	178	172	170	169	1	

COLOGS.

		0	1	2	3	4	5	6	7	8	9	D.	P.P.
8700	.43	180	179	177	176	175	174	173	172	170	169	1	
1	l	168	167	166	165	163	162	161	160	159	158	2	
2 3		156	155	154	153	152	150	149	148	147	146	1	
4		$\begin{array}{c} 1.45 \\ 1.33 \end{array}$	$\begin{array}{c} 143 \\ 132 \end{array}$	$\begin{array}{c} 142 \\ 131 \end{array}$	$\frac{141}{129}$	$\begin{array}{c} 140 \\ 128 \end{array}$	$\frac{139}{127}$	$\frac{138}{126}$	$\frac{136}{125}$	$\frac{135}{124}$	$\begin{array}{c} 134 \\ 122 \end{array}$	1	
5		1.21	120	119	118	116	115	114	113	112	111	2	
6 7	i	109	108	107	106	105	104	102	101	100	099	1	
8		098 086	$\begin{array}{c} 097 \\ 085 \end{array}$	$\begin{array}{c} 095 \\ 084 \end{array}$	$094 \\ 083$	093 081	$\begin{array}{c} 092 \\ 080 \end{array}$	091 079	090 078	088 077	087 075	1	
9		074	073	072	071	070	068	067	066	065	064	î	
3710		063	061	060	059	058	057	056	054	053	052	1	
$egin{array}{c} 1 \ 2 \end{array}$		O 51 O 39	$050 \\ 038$	$049 \\ 037$	047	$\begin{array}{c} 046 \\ 035 \end{array}$	045 033	$044 \\ 032$	$043 \\ 031$	$042 \\ 030$	040 029	1 1	
3		028	026	025	$\begin{array}{c} 036 \\ 024 \end{array}$	$033 \\ 023$	022	020	019	018	017	1	
4		016	015	013	012	011	010	009	008	006	005	ī	
5 6	4.0	004	003	002		*999	*998			*995		2	
7	•42	992 981	991 980	$\frac{990}{978}$	989 977	$\begin{array}{c} 988 \\ 976 \end{array}$	$\frac{987}{975}$	$985 \\ 974$	$\frac{984}{973}$	$983 \\ 971$	982 970	1 1	
8		969	968	967	966	964	963	962	961	960	959	2	
9		957	956	955	954	953	952	950	949	948	947	ī	
8720		946	945	943	942	941	940	939	938	936	935	1	
$egin{array}{c} 1 \\ 2 \end{array}$		$\frac{934}{922}$	$\frac{933}{921}$	$\begin{array}{c} 932 \\ 920 \end{array}$	$931 \\ 919$	$\begin{array}{c} 929 \\ 918 \end{array}$	$928 \\ 917$	$927 \\ 915$	$926 \\ 914$	$925 \\ 913$	$924 \\ 912$	2 1	
3		911	910	908	907	906	905	904	903	901	900	î	
4		899	898	897	896	894	893	892	891	890	889	2	
5 6		887	886	885	884	883	882	880	879	878	877	1	
7		876 864	875 863	$\begin{array}{c} 873 \\ 862 \end{array}$	872 861	871 859	870 858	869 857	868 856	866 855	$\begin{array}{c} 865 \\ 854 \end{array}$	1 2	
8		852	851	850	849	848	847	845	844	843	842	ī	
9		841	840	838	837	836	835	834	833	831	830	1	
3730 1		829 817	$\begin{array}{c} 828 \\ 816 \end{array}$	$\begin{array}{c} 827 \\ 815 \end{array}$	826 814	824 813	823 812	822 810	821 809	820 808	819 807	2	
2		806	805	804	802	801	800	799	798	797	795	1 1	
8		794	793	792	791	790	7 88	787	786	785	784	ī	
4		78 3	781	780	779	778	777	776	774	773	772	1	
5		771	770	769	767	766	765	764	763	762	760	1	
6 7		759 ·748	$758 \\ 747$	$\begin{array}{c} 757 \\ 745 \end{array}$	$\begin{array}{c} 756 \\ 744 \end{array}$	755 743	$754 \\ 742$	$752 \\ 741$	751 740	750 738	749 737	1	
8		736	735	734	733	731	730	729	728	727	726	2	
9		724	723	722	721	720	719	717	716	715	714	ĩ	
3740		713	712	711	709	708	707	706	705	704	702	1	
$egin{array}{c} 1 \ 2 \end{array}$		701 690	7 0 0	$\begin{array}{c} 699 \\ 687 \end{array}$	698	697 685	695 684	694	693	692	691	1	
3		678	$\begin{array}{c} 688 \\ 677 \end{array}$	676	686 675	673	672	$683 \\ 671$	681 670	680 669	679 6 6 8	1 2	
4		666	665	664	663	662	661	659	658	657	656	1	
5		655	654	652	651	650	649	648	647	646	644	1	
6		$643 \\ 632$	$\begin{array}{c} 642 \\ 630 \end{array}$	$\begin{array}{c} 641 \\ 629 \end{array}$	640 628	$\begin{array}{c} 639 \\ 627 \end{array}$	637 626	636	635	684	633	1	
7 8		620	619	618	617	$\begin{array}{c} 627 \\ 615 \end{array}$	614	$\frac{625}{613}$	$\begin{array}{c} 624 \\ 612 \end{array}$	622 611	621 610	1 2	
9		608	607	606	605	604	603	602	600	599	598	1	
3750		597	596	595	593	592	591	590	589	588	586	1	,

No.	C	1	2	3	4	5	6	7	8	9	D.	P.P.
3750 1 2 3 4	-42 59 58 57 50 55	5 584 4 573 2 561	571 560	593 582 570 559 547	59 2 581 569 558 546	591 580 568 556 545	590 578 567 555 544	589 577 566 554 542	588 576 564 553 541	586 575 563 552 540	1 1 1 1	
5 6 7 8 9	53 52 51 50 49	7 526 $6 515$ $4 503$	525 514 502	536 524 512 501 489	534 523 511 500 488	538 522 510 499 487	532 521 509 497 486	581 519 508 496 485	530 518 507 495 484	529 517 505 494 482	2 1 1 1	
3760 1 2 3 4	48 47 45 44 43	0 469 8 457 7 445	467 456 444	478 466 455 443 432	477 465 454 442 430	475 404 452 441 429	474 463 451 440 428	473 462 450 439 427	472 460 449 437 426	471 459 448 436 425	1 1 1 1 1 1	
5 6 7 8 9	42 41 40 38 37	2 411 0 399 9 388	410 398 387	420 409 397 385 374	419 407 396 384 373	418 406 395 383 372	417 405 394 382 370	415 404 392 381 869	414 403 391 380 368	413 402 390 379 367	1 2 1 2 1	
3770 1 2 3 4	36 36 34 38 32	353 3 342 1 330	352 341 329	362 351 339 828 316	361 350 338 327 315	360 349 337 326 314	359 847 336 324 313	358 346 335 323 312	357 345 334 322 311	355 344 332 321 309	1 1 1 1	
5 6 7 8 9	80 29 28 27 20	$\begin{array}{cccc} 7 & 296 \\ 6 & 284 \\ 4 & 273 \end{array}$	295 283 272	305 203 282 270 259	804 292 281 269 258	303 291 280 268 257	301 290 278 267 255	300 289 277 266 254	299 288 276 265 253	298 286 275 268 252	1 1 1 1	
8780 1 2 3 4	25 23 22 21 20	9 238 8 227 6 215	237 226 214	247 236 224 213 201	246 235 223 212 200	245 234 222 211 199	244 232 221 209 198	243 231 220 208 197	242 230 219 207 196	240 229 218 206 195	1 2 1 2	
5 6 7 8 9	19 18 17 15 14	2 181 0 169 9 158	180 168 157	190 178 167 156 144	189 177 166 154 148	188 176 165 153 142	187 175 164 152 141	185 174 162 151 140	184 173 161 150 138	183 172 160 149 137	1 2 1 1	
8790 1 2 3 4	13 12 11 10 09	5 128 3 112 2 101	122 111 099	138 121 110 098 087	131 120 109 097 086	130 119 107 096 085	129 118 106 095 083	128 117 105 094 082	127 115 104 098 081	126 114 103 091 080	1 1 1 1	i
5 6 7 8 9	07 06 05 04 03	7 066 6 055 5 048	065 054 042	075 064 053 041 030	074 063 051 040 028	073 062 050 089 027	072 061 049 038 026	071 059 048 037 025	070 058, 047 035 024	069 057 046 084 028	2 1 1 1	
8800	02	2 020	019	018	017	016	015	014	012	011	1	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3800	-42 022					010					1	
$egin{array}{c} 1 \ 2 \end{array}$	010 ·41 999		008 997	995	$\begin{array}{c} 006 \\ 994 \end{array}$	005 993					1 2	
3	987		985		983	982	981	979			Ĩ	
4	976	975	974	973	971	970	969	968	967	966	1	
5	965		962	961	960	959			955		1	1
$\frac{6}{7}$	$\begin{array}{c} 953 \\ 942 \end{array}$		$951 \\ 939$	950 938	$\frac{949}{937}$	$947 \\ 936$		$\begin{array}{r} 945 \\ 934 \end{array}$	$944 \\ 933$		1	
8	930		928	927	926	925		922	921	920	i	1
9	919	918	917	915	914	818	912	911	910	909	1	
3810	908	906	905	904	903	902		900	898		1	
$\begin{array}{c c} 1 \\ 2 \end{array}$	896 885	$\begin{array}{c} 895 \\ 884 \end{array}$	$\begin{array}{c} 894 \\ 882 \end{array}$	$\begin{array}{c} 893 \\ 881 \end{array}$	892 880	890 879	889 878	888 877	887 876	886 874	1	
3	873	872	871	870	809	868	866	865	864	863	1	ľ
4	862	861	860	859	857	856	855	854	853	852	1	
5	851	849	848	847	846	845	844	843	841	840	1	
6 7	839 82 8	838 827	$\begin{array}{c} 837 \\ 826 \end{array}$	836 824	$\begin{array}{c} 835 \\ 823 \end{array}$	833 822	832 821	831 820	$830 \\ 819$	829	1 2	
8	816	815	814	813	812	811	810	808	807	818 806	ī	
9	805	804	803	802	800	799	798	797	796	795	1	
3820	794	793	791	790	789	788	787	786	785	783	1	
$egin{array}{c} 1 \ 2 \end{array}$	782 771	781 770	$\frac{780}{769}$	$\frac{779}{768}$	778 766	777 765	$\begin{array}{c} 775 \\ 764 \end{array}$	$774 \\ 763$	$\begin{array}{c} 773 \\ 762 \end{array}$	772 - 761	1 1	
3	760	758	757	756	755	754	753	752	750	749	1 1	
4	748	747	746	745	744	743	741	740	739	738	1	*
5 6	787	736	735	733	732	731	730	729	728	727	1	
7	$726 \\ 714$	$\frac{724}{718}$	$\begin{array}{c} 723 \\ 712 \end{array}$	$\begin{array}{c} 722 \\ 711 \end{array}$	$\frac{721}{710}$	720 708	719 707	718 - 706	716 705	715 - 704		
8	703	702	701	699	698	697	698	695	694	693	2	
9	691	690	689	688	687	086	685	684	682	681	1	
3880	680	679	678	677	676	674	673	672	671	670	1	
1 2	669 657	668	$\begin{array}{c} 667 \\ 655 \end{array}$	$\begin{array}{c} 665 \\ 654 \end{array}$	$\begin{array}{c} 664 \\ 653 \end{array}$	663 652	662 651	661 650	660 648	$\begin{array}{c} 659 \\ 647 \end{array}$	2	
3	646	645	644	643	642	640	639	638	637	636	i	
4	635	634	633	631	630	629	628	627	626	625	2	
5	623	622	621	620	619	618	617	616	614	613	1	
6 7	612 601	611 600	610 599	609 597	608 596	606 515	605 594	604 508	603	602	1	
8	500	588	587	586	585	584	583	582	592 580	691 579	1	
9	578	577	576	575	574	573	571	570	569	568	i	
3840	567	566	565	563	562	561	560	ត្តឥប	558	557	1	
1 2	556 544	554 543	553 542	552 541	551 540	550					1	1
3	583	532	581	530	528	539 527	537 526	536 525	535 524	634	1	j
4	522	521	519	518	517	516	515	614	613	511	$i \mid$	
5	510	509	508	507	506	505	504	502	501	500	1	I
6 7	499 488	498 487	497	496	495	493	492	491	490	489	1	ł
8	476	475	486 474	484 473	483 472	482 471	481 470	480 469	479 467	478 400	2 1	
9	465	464	463	462	461	460	458	457	456	455	i	
3850	454	453	452	451	449	448	447	446	448	444	1	- 1

	0	1	2	3	4	5	6	7	8	9	D.	P.F
41	454	453	452	451	449	448	447	446	445	444	1	rioning addition in the
	443	442	440	439	488	437	436	435	434	432	î	
	431	430	429	428	427	426	425	423	422	421	1	
	420	419	418	417	416	414	413	412	411	410	1	
	409	408	407	405	404	403	402	401	400	399	1	
	398	396	395	394	393	392	391	390	389	387	1	
	$\frac{386}{375}$	$\frac{385}{374}$	$\frac{384}{373}$	$\frac{383}{372}$	$\frac{382}{371}$	$\frac{381}{369}$	380 368	$\frac{378}{367}$	$\frac{377}{366}$	376	1	
	364	363	362	360	359	358	357	356	355	$\frac{365}{354}$	1 1	
	353	351	350	349	348	347	346	345	344	342	i	
	341	340	339	338	337	336	335	383	332	331	1	
	330	329	328	327	326	324	323	322	321	320	ī	
	319	318	317	315	314	313	312	311	310	309	1	
	308	306	305	304	303	302	301	300	299	297	1	
	296	295	294	293	292	291	290	288	287	286	1	
	285	284	283	282	281	279	278	277	276	275	1	
	274	273	272	270	269	268	267	266 255	265	264	1 1	
	263 251	$\frac{261}{250}$	$\frac{260}{249}$	$\frac{259}{248}$	$\frac{258}{247}$	$\frac{257}{246}$	$\frac{250}{245}$	$\begin{array}{c} 255 \\ 243 \end{array}$	$\begin{array}{c} 254 \\ 242 \end{array}$	$252 \\ 241$	1 1	
	340	239	238	237	236	235	233	$\begin{array}{c} 233 \\ 232 \end{array}$	231	230	1	
	229	228	227	226	224	223	222	221	220	219	1	
	218	217	215	214	213	212	211	210	209	208	2	
	206	205	204	203	202	201	200	199	197	196	1 1	
	195	194	193	192	191	190	189	187	186	185	1.	
	184	183	182	181.	180	178	177	176	175	174	1	
	173	172	171	169	168	167	166	165	164	163	1 9	
	162	$\begin{array}{c} 161 \\ 149 \end{array}$	$\begin{array}{c} 159 \\ 148 \end{array}$	$\frac{158}{147}$	$\frac{157}{146}$	156 145	155 144	$\begin{array}{c} 154 \\ 143 \end{array}$	$\begin{array}{c} 153 \\ 141 \end{array}$	$\frac{152}{140}$	$\begin{vmatrix} 2\\1 \end{vmatrix}$	
	$\frac{150}{139}$	138	137	136	135	134	133	131	130	129	i	
	128	127	126	125	124	122	121	120	119	118	i	
	117	116	115	113	112	111	110	109	108	107	1	
	106	105	103	102	101	100	099	098	097	096	2	
	094	093	092	091	000	089	088	087	085	084	1 1	
	083	082	081	080	079	078	077	075	074	073	1 1	
	072	071	070	069	068	086	065	064	063	062	1	
	061	080	059	058	056	055	054	053	052	051	1 1	
	050 039	$049 \\ 037$	$047 \\ 036$	$\begin{array}{c} 046 \\ 035 \end{array}$	$\begin{array}{c} 045 \\ 034 \end{array}$	044 033	043 032	042 031	041 030	040 028	1	
	027	026	025	024	023	022	021	020	018	017	î	1
	016	015	014	013	012	011	010	008	007	006	i	
	005	004	003	002	001	*899	*998	*997	*996	*995	1	
-40	994	993	992	991	989	988	987	986	985	984		1
	983	982	980	979	978	977	976	975	974	978	1	
	972	970	969	-968	967	966	965	964	963	962	2	
	960	959	958	957	956	955	954	958	951	950	1	
	949	948	947	946	945	944	948	941	940	939	1	
	938	937	936	985	934 928	933 921	931 920	930 919	929 918	928 917	1	
	$\begin{array}{c} 927 \\ 916 \end{array}$	926 915	925 914	924 912	911	910	909	908	907	906	1	
	905	904	902	901	900	899	898	897	896	895	î	
	894	892	891	890	889	888	887	880	885	884	2	

	No.) 1	2	3	4	5	6	7	8	9			P.P.	-
		-											_	T.L.	
ĺ	3900	40 89				889	888								
1	$egin{array}{c} 1 \ 2 \end{array}$	88				878 867	877 866								
-	3	86	0 859	858	857	856	850	853	852						
ı	4	849	9 848	847	846	845	848	842	841	840	839	1			
-	5	838			835	833	832			829					ı
١	6 7	827			$\begin{array}{c} 823 \\ 812 \end{array}$	$\begin{array}{c} 822 \\ 811 \end{array}$	821 810			818 807	817 806				1
1	8	108	803	802	801	800	799	798	797	796	795	2			ı
1	9	798	3 792	791	790	780	788	787	786	785	783	1			ł
1	8910	782		780	779	778	777			773	772	1			ı
ı	$_{2}^{1}$	771		769 758	$\begin{array}{c} 768 \\ 757 \end{array}$	$\begin{array}{c} 767 \\ 756 \end{array}$	766 755		$\begin{array}{c} 768 \\ 752 \end{array}$	$\frac{762}{751}$	761 750	1			ı
ı	3	749	748	747	746	745	743	742	741	740	789	1			ı
ı	4	738	737	736	735	733	732	731	730	729	728	1			I
ı	5	727		725	723	722	721	720	719	718	717	1	l		ı
ı	6 7	716 705		$\begin{array}{c} 714 \\ 702 \end{array}$	$\begin{array}{c} 712 \\ 701 \end{array}$	711 700	$710 \\ 699$	$\frac{709}{698}$	708 697	$\begin{array}{c} 707 \\ 696 \end{array}$	706 695	1			I
ı	8	694	692	691	690	689	688	687	686	085	684	1 2			١
	9	682	681	680	679	678	677	676	675	674	673	2			I
ĺ	3920 1	671	670	669	668	667	666	665	664	663	661	1			۱
ı	2	660 649	$\begin{array}{c} 659 \\ 648 \end{array}$	$\begin{array}{c} 658 \\ 647 \end{array}$	$\begin{array}{c} 657 \\ 646 \end{array}$	$\begin{array}{c} 656 \\ 645 \end{array}$	$655 \\ 644$	$\begin{array}{c} 654 \\ 643 \end{array}$	$\begin{array}{c} 653 \\ 641 \end{array}$	$\begin{array}{c} 651 \\ 640 \end{array}$	$\begin{array}{c} 650 \\ 639 \end{array}$	1			l
L	3	638	637	636	635	634	633	632	630	629	628	l i			ı
	4	627	626	625	624	623	622	620	619	618	617	1			ĺ
	5	616	615	614	618	612	611	609	608	607	606	1			ı
ı	6 7	605 594	604 593	603 592	$\begin{array}{c} 602 \\ 591 \end{array}$	601 589	599 588	598 587	597 586	596 585	595 584	1			ı
i	8	583	582	581	580	578	577	576	575	574	573	$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$			l
l	9	572	571	570	568	567	566	505	564	563	562	1			l
ı	3930	561	560	559	557	556	555	554	553	552	551	1			l
	1 2	550 539	549 538	547 586	546 535	545 534	544 538	548	542	541	540	!			l
l	3	528	527	525	524	523	522	532 521	531 520	530 519	529 518	1 1			l
	4	517	515	514	513	512	511	510	509	508	507	i			
l	5	506	504	508	502	801	500	499	498	497	496	2			
l	6 7	494 488	403 482	492 481	491 480	490 479	489 478	488	487	486	485	2			l
l	8	472	471	470	409	468	467	477 466	476 465	475 464	474 403	2 2			l
	9	461	460	459	458	457	456	455	454	458	451	ĩ			
	3940	450	449	448	447	446	445	444	443	442	440	1			
	1 2	439 428	438 427	437	486	435	484			481	420	1			
	3	417	416	$\frac{426}{415}$	$\frac{425}{414}$	424 418	428 412	422 411	421 410	420 409	418	1			
	4	406	405	404	408	402	401	100	300	398	407 396	1			
	5	395	394	398		891	890	389	888	386	สหธ	1			
	6 7	384 373	388 372	382 371		auo 880	379	378	877	375	374	1			
	8	362	361	360		869 858	368 357	867 856	366 355	364 358	363 352	1			
	9	851	850	849		847	346	345	844	842	341	i			
1	8950	340	389	338	387	886	385	334	333	881	880	1		ı	
-					-			-				- 1			

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3950	.40	340	339	338	337	336	335	334	333	331	330	1	
1		329	328	327	326	325	324	323	322	321	319	1	
2		318	317	316	315	314	313	312	311	310	308	1	
3 4		$\frac{307}{296}$	$\frac{306}{295}$	$\begin{array}{c} 305 \\ 294 \end{array}$	$\begin{array}{c} 304 \\ 293 \end{array}$	$\begin{array}{c} 303 \\ 292 \end{array}$	$\frac{302}{291}$	$\frac{301}{290}$	$\begin{array}{c} 300 \\ 289 \end{array}$	$\begin{array}{c} 299 \\ 288 \end{array}$	$\begin{array}{c} 297 \\ 286 \end{array}$	1 1	
1													
5		285	284	283	282	281	280	279	278	277	275	1	
6		$\begin{array}{c} 274 \\ 263 \end{array}$	$\frac{273}{262}$	$\frac{272}{261}$	$\begin{array}{c} 271 \\ 260 \end{array}$	$\begin{array}{c} 270 \\ 259 \end{array}$	269 258	$\frac{268}{257}$	$\begin{array}{c} 267 \\ 256 \end{array}$	$\begin{array}{c} 266 \\ 255 \end{array}$	$\frac{264}{254}$	1	
7 8		252	251	250	249	248	247	246	245	244	243	2 2	
ő		241	240	239	238	237	236	235	234	233	232	2	
3960		230	229	228	227	226	225	224	223	222	221	1	
1		220	218	217	216	215	214	213	212	211	210	1	
2		209	207	206	205	204	203	202	201	200	199	1	
3		198	196	195	194	198	19 2 181	191		$\frac{189}{178}$	188	1 1	
4		187	186	184	183	182		180	179	110	177		
8		176	175	173	172	171	170	169	168	167	166	1	
6		165	164	168	161	160	159	1.58	157	156	155	1	
7 8		$\frac{154}{148}$	$\frac{158}{142}$	$\frac{152}{141}$	150 140	149 138	148 137	$\frac{147}{136}$	$\frac{146}{135}$	$\begin{array}{c} 145 \\ 134 \end{array}$	$\begin{array}{c} 144 \\ 133 \end{array}$	1 1	
9		132	131	130	129	128	126	1.25	124	123	122	1	
3970		121	120	119	118	117	115	114	113	1.1.2	1,1,1	1	
1.		110	109	108	1.07	106	105	103	102	101	100	1	
2		099	098	097	096	095	094	093	001	090	089	1	
8 4		$\begin{array}{c} 088 \\ 077 \end{array}$	$\begin{array}{c} 087 \\ 070 \end{array}$	086 075	$\begin{array}{c} 085 \\ 074 \end{array}$	$\begin{array}{c} 084 \\ 073 \end{array}$	083 072	$082 \\ 071$	080 070	$\begin{array}{c} 079 \\ 068 \end{array}$	078 067	1 1	
Б		066	085	084	063	062	061	060	059	058	056	1	
6		055	054	058	052	051	050	049	048	047	046	2	
7		044	043	042	041	040	089	038	037	086	035	1	
8		034	032	031	030	029	028	027	020	025	024	1	
9		023	022	020	019	810	017	010	015	014	013	1	
3980		012	011	010	800	007	006	005	004	003	002	1	
1	.00	100		*999	*998 987	*996 986	₩996 984	983	982	*992 981	980	1 1	
2 3	.99	990 979	$\frac{989}{978}$	988 9 77	976	975	974	972	971	970	969	i	
4		968	967	966	905	964	963	902	960	525	958	ī	
5		957	956	955	954	953	952	951	950	948	947	1	
6		946	945	944	943	942	941	940	939	938	936	1	
7		935	934	933	932	931	930	929	928	927	926	2	
8 9		$924 \\ 914$	$\begin{array}{c} 923 \\ 913 \end{array}$	922 911	921 910	920 909	919 908	918 907	917 906	916 905	915 904	1	
					899		897	896	895	894	898	1	
3990 1		903 892	902 891	901 890			886	885	884	883	882	1]
2		881	880	879	878	877	876	874	878	872	871	ĺ	[
8		870	809	808	867	866	865	864	862	861	860	1	
4		859	858	857	856	855	854	853	852	850	849	1	
5		848	847	846	845	844	843	842	841	840	889	2	
6		837	836	835	834	833	832	881	880	829	828 817	1 1	}
7 8		827 816	825 815	824 814	823 812		821 810	820 809	819 808	818 807		Î	1
9		805	804	808	802		799	798	797	796		li	
4000		794	793	792	791	790	789	787	786	785	784	1	

COLOGS.

No.		0	1	2	3	4	5	6	7	8	9	1).	P.P.
400 1 2 3 4	-39	794 686 577 469 362	783 675 567 459 351	772 664 556 448 340	761 653 545 437 330	751 642 534 426 319	740 631 523 416 308	729 621 513 405 297	718 610 502 394 287	707 599 491 383 276	696 588 480 3 7 3 26 5	10 11 11 11	11
5 6 7 8 9	·38	254 147 041 934 828	244 137 030 923 817	233 126 019 913 806	222 115 009 902 796	212 105 *998 891 785	201 094 *987 881 775	190 083 *977 870 764	179 073 *966 860 753	169 062 *955 849 743	158 051 *945 838 732	11 10 11 10 10	1 1 2 2 3 3 4 4 5 6
410 1 2 3 4		722 616 510 405 300	711 605 500 394 289	700 595 489 384 279	690 584 479 373 269	679 574 468 363 258	669 563 458 352 248	658 552 447 342 237	648 542 437 331 227	637 531 426 321 216	626 521 416 310 206	10 11 11 10 11	6 7 7 8 8 9 9 10
5 6 7 8 9	.37	195 091 986 882 779	185 080 976 872 768	174 070 966 862 758	164 059 955 851 748	153 049 945 841 737	143 038 934 830 727	132 028 924 820 716	122 018 914 810 706	112 007 903 799 696	101 *997 893 789 685	10 11 11 10 10	10
420 1 2 3 4		675 572 469 366 263	665 561 458 356 253	054 551 448 345 243	644 541 438 335 233	634 531 428 325 222	623 520 417 315 212	613 510 407 304 202	603 500 397 294 192	592 489 387 284 182	582 479 376 274 171	10 10 10 11 11	$ \begin{array}{c cccc} & 1 & 1 \\ & 2 & 2 \\ & 8 & 3 \\ & 4 & 4 \\ & 5 & 5 \\ \end{array} $
5 6 7 8 9	-36	161 059 957 856 754	151 049 947 845 744	141 039 987 835 784	130 028 927 825 724	120 018 917 815 714	110 008 906 805 704	100 *998 896 795 694	090 *988 886 785 688	079 *978 876 775 673	069 *967 866 764 663	10 10 10 10	6 6 7 7 8 8 9 9
430 1 2 3 4		653 552 452 351 251	643 542 442 341 241	633 532 432 331 231	628 522 421 321 221	613 512 411 811 211	603 502 401 301 201	593 492 391 291 191	583 482 381 281 181	572 472 371 271 171	562 462 361 261 161	10 10 10 10 10	9
5 7 8 9	-35	151 051 952 853 754	141 041 942 843 744	131 031 932 833 734	121 021 922 823 724	111 012 912 813 714	101 002 902 803 704	091 *992 892 793 694	081 *982 882 783 684	071 *972 872 778 674	863	10 10 10 10	1 1 2 2 3 3 4 4 5 5
440 1 2 3 4		655 556 458 360 262	645 546 448 350 252	685 586 488 340 242	625 527 428 330 232	615 517 418 320 223	605 507 409 311 213	596 497 399 801 20 3	586 487 389 291 198	576 477 379 281 184	566 468 369 271 174	10 10 9 10	6 5 7 6 8 7 9 8
5 6 7 8 9	-84	164 067 969 872 775	154 057 960 863 766	144 047 950 858 756	185 087 940 848 746	125 028 930 838 737	115 018 921 824 727	105 008 911 814 717	096 *998 901 804 708	086 *989 892 795 698	076 +979 882 785 688	9 10 10 10	
450		679	669	659	650	640	631	621	611	602	592	10	

No.		0	1	2	3	4	5	6	7	8	9	D.	P	.P.
450	.34	679	669	659	650	0.10	631	621	611	602	592	10		
1		582	573	563	553	544	534	525	515	505	496	10		
2		486	477	467	457	448	438	429	419	409	400	10		
3 4	i	$\frac{390}{294}.$	381 285	$\frac{371}{275}$	$\begin{array}{c} 361 \\ 266 \end{array}$	$\begin{array}{c} 352 \\ 256 \end{array}$	$\frac{342}{247}$	$\frac{333}{237}$	$\begin{array}{c} 323 \\ 228 \end{array}$	$\frac{314}{218}$	$\begin{array}{c} 304 \\ 208 \end{array}$	10	7	10
5		199	189	180	170	161	151	142	132	123	113	9	1	
6		104	094	084	075	065	056	046	037	027	018	10	$\hat{2}$	1 2
7		008		*989	*080	*970	*931	*951		*932	*923	10	3	3
8	-33	913	904	894	885	876	866	857	847	838	828	0	4	1 4
9		819	809	800	790	781	771	762	753	743	784	10	5 6	5 6
460		724	715	705	696	686	677	668	658	649	639	9	7	7
1.		630	620	611	602	592	583	573	564	555	545	9	8 9	8 9
23		$\frac{536}{442}$	$\frac{526}{433}$	$\begin{array}{c} 517 \\ 423 \end{array}$	508 414	498 404	$\begin{array}{c} 489 \\ 395 \end{array}$	$\frac{479}{386}$	$\frac{470}{376}$	$\frac{461}{367}$	451 358	10	ป	, 9
4		348	330	329	320	311	301	292	283	273	264	9		
5		255	245	236	227	217	208	199	189	180	171	10		
6		161	152	143	133	124	145	106	096	087	078	10		
7		068	059	050	040	031	022	013		*994		10		
8 9	-32	975 883	966 878	$\begin{array}{c} 957 \\ 864 \end{array}$	848 338	938 846	929 836	$\frac{920}{827}$	911 818	901 809	892 799	9		9
470		$\begin{array}{c} 790 \\ 698 \end{array}$	781 689	$\frac{772}{679}$	7 6 3 670	$\begin{array}{c} 753 \\ 661 \end{array}$	$\begin{array}{c} 744 \\ 652 \end{array}$	735 648	$\begin{array}{c} 726 \\ 633 \end{array}$	$\begin{array}{c} 716 \\ 624 \end{array}$	$\begin{array}{c} 707 \\ 615 \end{array}$	9	$\frac{1}{2}$	$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$
$\overset{\cdot}{2}$		606	597	587	678	569	560	551	541	532	523	9	3	3
3		514	505	496	486	477	468	459	450	440	431	9	4	1.4
4		422	413	404	395	386	376	367	358	349	340	9	6	5
5		331	321	312	303		285	276	267	258	248	9	7	6
6		239	230	221	212		194	185	175	166	1.57	9	8	8
7 8		$\frac{148}{057}$	130 048	130	121 030	$\begin{array}{c} 112 \\ 021 \end{array}$	103 012	094	084 *994	075 *985		10		1 0
9	-31	966	957	948	939		021	912	903	804		ů		
480		876	867	858	849	840	881	822	813	804	795	10	ļ	
1	1	785	776	767			740	731	722	713		0	1	
2		695	686	077			650	641	632	628		9		
3		605 515	596 500	58 7 498			$\frac{560}{471}$	$\begin{array}{c} 551 \\ 462 \end{array}$	542 453	533 444		9		8
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5 6	1	426 336	417 327	408 319			292	288	274	205		9	2	2 2
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9		000	000	051	042	034	025	016	007	*998	*989	0	6	- 5
490	.30	980	972	963			936	927	918	910		9	7 8	6
1		893	888	874	805	856	848	839 751	880 742	821 733		9	9	7
2 3		$\frac{803}{715}$	795 706	786 698			759 671	662	654	645		9		
4]	627	619	610			583	575	566			9		
5		589	531	522	515	504	496	487	478			9		
6		452	448	434	420		408	399	391	382		9		
7		364	356	347			321	312	303			9		
8 9		277 190	268 181	260 173			233 146	225 138	216 129			9		
500		103					000	051	042	034	025	9		

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4 5 6 7 8 9		757 671 585 499 414 328	748 662 576 491 405 320	740 654 568 482 397 311	731 645 559 474 388 303	722 636 551 465 379 294	628 542 456 371 286	619 533 448 362 277	611 525 439 354 269	602 516 431 345 260	594 508 422 387 251	9 9 8 9 8	9 1 2 3 4 5	1 2 3 4 5
510 1 2 3 4	.28	243 158 073 988 904	234 140 065 980 895	226 141 056 971 887	217 132 048 963 878	209 124 039 954 870	200 115 081 946 861	192 107 022 937 853	183 098 014 929 815	175 090 005 921 836	166 081 *997 912 828	88089	6 7 8 9	6 7 8
5 6 7 8 9		819 735 651 567 483	811 727 643 559 475	802 718 634 550 467	794 710 626 542 458	786 701 617 534 450	777 693 609 525 441	769 685 601 517 433	760 676 592 508 425	752 668 584 500 416	743 659 575 492 408	8 8 8 9 8	8	-
520 1 2 3 4		400 316 233 150 067	391 308 225 142 059	383 300 216 133 050	375 291 208 125 042	366 283 200 117 034	358 275 191 108 025	350 266 183 100 017	341 258 175 092 009	333 250 166 083 001	325 241 158 075 *992	9 8 8 8	1 2 3 4 5	1 2 2 3 4 5
5 6 7 8 9	.27	984 901 819 787 654	976 893 811 728 646	968 885 802 720 688	959 877 794 712 680	951 868 786 704 622	943 860 778 696 613	934 852 770 687 605	926 844 761 679 597	918 835 753 671 589	910 827 745 668 581	9 8 8 9	7 8 9	6 6 7
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5 6 7 8 9	.26	165 084 008 922 841	157 075 *994 914 888	148 067 *986 906 825	140 059 *978 898 817	132 051 *970 889 809	124 048 *902 881 801	116 085 *954 878 798	108 027 *946 865 785	100 019 *938 857 777	092 011 *930 849 769	8 8 8 8 8	1 2 3 4 5	1 1 2 3 4
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5 6 7 8 9		360 281 201 122 043	352 273 193 114 085	344 265 185 106 027	886 257 177 098 019	828 249 170 090 011	821 241 162 082 003	313 238 154 074 *995	305 225 146 067 *987	297 217 188 059 *980	289 209 180 051 *972	8 8 8 8		
550	-25	964	956	948	940	932	924	916	908	901	898	8		

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		8 8 8 8	893 814 735 657 579	901 822 743 665 586	908 830 751 673 594	916 838 759 680 602	924 845 767 688 610	932 853 775 696 618	940 861 782 704 626	948 869 790 712 633	956 877 798 720 641	964 885 806 727 649		550 1 2 3 4
8	;	7 8 7 8 8	500 422 344 267 189	508 430 352 274 197	516 438 360 282 204	524 446 368 290 212	532 453 376 298 220	539 461 383 305 228	547 469 391 313 286	555 477 399 321 243	563 485 407 329 251	571 493 414 337 259		5 6 7 8 9
1 2 2 3 4 5	1 2 3 4 5 6	7 8 8 8 8	111 084 *957 880 803	119 042 *965 887 811	127 050 *972 895 818	185 057 *980 903 826	142 065 *988 911 834	150 078 *995 918 841	158 080 003 926 849	166 088 011 034 857	173 096 019 941 864	181 104 026 040 872	-24	560 1 2 3 4
6 6 7	7 8 9	8 7 8 7	726 649 573 496 420	734 657 580 504 428	741 665 588 512 435	749 672 596 519 443	757 680 603 527 451	764 688 611 535 458	772 695 619 542 466	780 703 626 550 474	787 711 634 558 481	795 718 642 565 489		5 6 7 8 9
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7		7 8 8 8 8	*965 890 815 740 665	*978 897 822 747 672	*980 905 830 755 680	*988 913 837 762 687	*995 920 845 770 695	003 928 852 777 702	011 935 860 785 710	018 943 867 792 717	026 950 875 800 725	033 958 882 807 732	-23	5 6 7 8 9
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5 6	6 7 8 9	8 8 8 8 7	218 144 070 *996 922	225 151 077 003 930	282 158 084 011 987	240 166 092 018 944	247 173 099 025 952	255 181 107 033 959	262 188 114 040 966	270 195 121 047 974	277 203 129 055 981	284 210 136 062 988	-22	5 6 7 8 9
		8 7 8 8	849 775 702 629 556	856 783 709 636 563	868 790 717 648 570	871 797 724 651 578	878 805 781 658 585	812 738 665	893 819 746 678 599	900 827 753 680 607	907 834 760 687 614	915 841 768 695 621		590 1 2 3 4
		8 7 7 8 7	483 410 337 265 192	490 417 844 272 199	497 424 852 279 207	505 432 359 286 214	512 439 366 294 221	446 378 301	526 454 881 808 236	534 461 388 315 248	541 468 395 323 250	548 475 403 330 257	The second secon	5 6 7 8 9
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5 6 7 8 9		824 758 681 610 538	817 746 674 602 531	810 738 667 595 524	803 731 660 588 517	796 724 653 581 510	789 717 645 574 503	781 710 638 567 496	703 631 560	695 624 553	688 617 545	7 7 7 7 7	1 2 3 4 5	1 2 2 3 4
610 1 2 3 4		467 396 325 254 183	460 389 318 247 176	453 382 311 240 169	446 375 304 233 162	439 367 296 226 155	431 360 280 219 148	424 353 282 211 141	346 275 204	410 339 268 197 127	332 261 100	7 7 7 7 8	6 7 8 9	5 6 6 7
5 6 7 8 9	-20	112 042 971 901 831	105 035 964 894 824	098 028 957 887 817	091 021 950 880 810	084 014 943 873 803	077 007 986 866 796	070 000 929 859 789	*993 922 852	056 *986 915 845 775		7 8 7 7		7
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5 6 7 8 9		412 343 273 204 135	405 336 266 197 128	398 329 259 190 121	891 822 252 183 114	384 315 246 176 107	377 308 239 169 100	370 301 232 163 094	363 294 225 156 087	856 287 218 149 080	350 280 211 142 073	7 7 7 7	6 7 8 9	6 6
630 1 2 3 4	.19	066 997 928 860 791	059 990 921 853 784	052 988 915 846 777	045 976 908 839 771	038 970 901 832 764	031 963 894 825 757	025 956 887 818 750	018 949 880 812 748	011 942 878 805 736	004 935 866 798 72 9	7 6 7 6		6
5 6 7 8 9		728 654 586 518 450	716 647 579 511 448	709 641 572 504 436	702 634 566 498 430	695 627 559 491 428	688 620 552 484 416	682 613 545 477 409	675 607 538 470 402	668 600 532 464 896	661 598 525 457 389	7 7 7 7	1 2 3 4 5	1 1 2 2 3
640 1 2 3 4		382 314 246 179 111	375 307 240 172 105	368 301 233 165 098	362 294 226 159 091	355 287 219 152 084	848 280 218 145 078	841 274 206 188 071	335 267 199 132 064	828 260 192 125 057	321 253 186 118 051	7 7 7 7	6 7 8 9	4 4 5
5 6 7 8 9	·18	044 977 910 842 776	037 970 908 886 769	031 968 896 829 762	024 957 889 822 755	017 950 888 816 749	010 943 876 809 742	004 936 869 802 785			*983 916 849 782 715	6 7 6		
650		709	702	695	689	682	675	669	662	655	649	7		

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650 1 2 3 4		709 642 575 509 442	702 635 569 502 436	695 629 562 495 429	689 622 555 489 422	682 615 549 482 416	675 609 542 475 409	669 602 535 469 402	662 595 529 462 396	655 589 522 456 389	649 582 515 449 383	7 7 6 7		
5 6 7 8 9		376 310 243 177 111	369 303 237 171 105	363 296 230 164 098	356 290 224 158 092	349 283 217 151 085	343 277 210 144 079	336 270 204 138 072	329 263 197 131 065	323 257 191 125 059	316 250 184 118 052	6 7 7 7 6	7	7
660 1 2 3 4	-17	046 980 914 849 783	039 973 908 842 777	032 967 901 836 770	026 960 895 829 764	019 954 888 822 757	013 947 881 816 751	006 940 875 809 744	000 934 868 803 737	*998 927 862 796 731	*986 921 855 790 724	6 7 6 7 6	1 2 3 4 5	1 1 2 3 4
5 6 7 8 9		718 653 587 522 457	711 646 581 516 451	705 640 574 509 444	698 633 568 503 438	692 627 561 496 431	685 620 555 490 425	679 613 548 483 418	672 607 542 477 412	666 600 535 470 405	659 594 529 464 399	6 7 7 7 6	6 7 8 9	4 5 6 6
670 1 2 3 4		393 328 263 198 134	386 321 257 102 128	380 315 250 186 121	373 308 244 179 115	367 302 237 173 108	360 295 231 166 102	354 280 224 160 095	347 282 218 153 089	341 276 211 147 082	334 270 205 140 076	6 7 7 6 6		
5 6 7 8 9	-16	070 005 941 877 813	068 *999 935 871 807	057 *992 928 864 800	050 +986 922 858 794	044 *980 915 851 787	037 *973 909 845 781	031 *967 903 839 775	025 *960 896 832 708	018 *954 890 826 762	012 *948 883 819 755	7 7 6 6 6		6
680 1 2 3 4		749 685 622 558 404	743 679 615 662 488	736 673 609 545 482	780 666 602 589 475	724 660 596 533 469	717 658 590 526 463	711 647 583 520 456	704 641 577 513 450	698 634 571 507 444	692 628 564 501 437	7 6 6 7 6	1 2 3 4 5	1 1 2 2 3 4
5 6 7 8 9		431 368 304 241 178	425 861 298 235 172	418 355 292 229 165	412 349 285 222 159	406 342 279 216 153	399 336 273 210 147	393 330 266 203 140	387 323 260 197 134	380 317 254 191 128	374 311 247 184 121	6 7 6 6 6	6 7 8 9	4 5 5
690 1 2 3 4	-15	116 052 989 927 864	109 046 983 920 858	108 040 977 914 852	098 033 971 908 845	090 027 964 902 839	084 021 958 895 833	077 015 952 889 827	071 008 945 883 820	$\frac{939}{877}$	*996 933 870	6 7 6 6 6		
5 6 7 8		802 739 677 614 552	795 733 670 608 546	789 727 664 602 540	783 720 658 596 534	777 714 652 590 527	770 708 646 588 521	764 702 639 577 515	758 695 633 571 509	689 627 565	683 621 558	6 6 7 6 6		
700		490	484	478			459	458	447	441	434	6		

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2	†	366	360	354	348	342	335	329	323		311	7		
3 4	1	$\begin{array}{c} 304 \\ 243 \end{array}$	$\frac{298}{237}$	$\frac{292}{230}$			$\frac{274}{212}$					6		7
5		181	175	169	163		150			182		6	1	1
6 7		$\frac{120}{058}$	$\frac{113}{052}$	107 046	101 040		089 027			070 009		6	3	1 2
8	.14	997	991	984	978	972	966	960	954	948	942	7	4	8
9		935	929	923	917	911	905	899	893	886	880	6	6	4
710 1		874 813	868 807	862 801	856 795	850 789	844 783			825 764		6	7	5
2	1	752	746	740	784	728	722			703		6	8	6
3	1	691	685	679	678	667	661	655	048	642	636	6		,
4		630	624	618	612	600	600	594	588	582	575	6		
5 6		509 509	563 503	557 497	551 491	$\begin{array}{c} 545 \\ 484 \end{array}$	539 478		$\frac{527}{466}$	521 460	$\frac{515}{454}$	6		
7 8		448	442	436	430	424	418		406	400	394	6		
8 9		388	382	375	869	363	357		845	339	333	6		
		327	321	315	809	303	297	291	285	279	273	6	Western	6
$\begin{array}{c} 720 \\ 1 \end{array}$		$\begin{array}{c} 267 \\ 206 \end{array}$	$\frac{261}{200}$	$255 \\ 194$	$\frac{249}{188}$	$\frac{243}{182}$	$\frac{237}{176}$		225	219	212	6	1	1
2 3		146	140	134	128	122	116	170	164 104	158 098	152 092	6	2 3	1 0
$\frac{3}{4}$		086	080	074	068	062	050	050	044	038	032	6	4	2 2
	}	026	020	014	008	002	*996	*990	*984	*978	+972	6	5 6	3 4
5 6	.13	966 906	960 900	$\begin{array}{c} 954 \\ 894 \end{array}$	948	942	986	980	924	918	912	6	7	4
7		847	841	835	888 829	882 828	876 817	870 811	864 805	859 799	853 793	6	8	5
8 9		787	781	775	769	763	757.	751	745	739	733	6		
		727	721	715	709	703	697	692	080	680	674	6		
730		608 608	$\begin{array}{c} 662 \\ 602 \end{array}$	656	650	644	038	632	626	620	614	6		
2		549	543	596 537	590 531	585 525	579 519	573 513	567 50 7	561 501	555 496	6		
3 4		490	484	478	472	466	460	454	448	442	436	6		
ĺ		430	424	419	413	407	401	895	389	383	877	6		5
5 6		371	365	859	854	348	842	336	330	324	318	6	1	1
7		$\frac{812}{258}$	$\begin{array}{c} 306 \\ 247 \end{array}$	800 241	$\frac{295}{236}$	289 280	283 224	$\frac{277}{218}$	271 212	265 206	259 200	6 6	2	1
8		194	188	183	177	171	105	159	153	147	141	a	3 4	2 2
		136	180	124	118	112	106	100	094	089	она	0	5	8
740		0 77 018	071	065	059	058	047	042	086	080	024	6	7	4
2	.12		012 954	948	001 · 942	488# 880	#989 980	888* 925	*977 · 919	*971 913	*965 907	6	н 9	4
3 4		901	895	889	884	878	872	806	860	854	849	6	p (
- 1	,	843	887	831	825	819	814	808	802	796	790	6		
5		784 726	779 720	778	767	761	755	749	744	788	732	6		
7		368	662	714 656	709 651	708 645	697 639	691 688	685 627	680 621	674	6		
8 9		310	604	598	592	587	581	575	569	563	558	6		
1		552	546	540	584	529	523	517	511	505	500	ß		
750	4	194	488	482	477	471	465	450	458	448	442	6		

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5 6 7 8 9	·11	205 148 090 033 970	200 142 085 027 970	104 136 079 022 964	188 131 073 016 959	182 125 067 010 953	177 119 062 004 947	171 113 056 *999 942	165 108 050 *993 936	159 102 045 *987 930	154 096 039 *982 924	6 6 6 5	. 6	
760 1 2 3 4		919 862 805 748 691	918 856 799 742 685	907 850 793 736 679	902 844 787 780 674	896 839 782 725 668	890 833 776 719 662	884 827 770 713 657	879 822 765 708 651	873 816 759 702 645	867 810 753 696 640	5 5 5 6	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9		634 577 520 464 407	628 571 515 458 402	623 566 509 453 306	617 560 503 447 390	611 554 498 441 885	605 549 492 436 379	600 543 487 430 378	594 537 481 424 368	588 532 475 419 362	583 526 470 413 357	6 6 6 6	6 7 8 9	4 4 5 5
770 1 2 3 4		351 295 238 182 126	345 289 233 176 120	340 283 227 171 115	334 278 221 165 109	328 272 216 160 103	323 266 210 154 098	317 261 205 148 092	311 255 199 143 087	306 250 193 137 081	300 244 188 132 075	5 6 6 6 5		
5 6 7 8 9	-10	070 014 958 902 846	064 008 952 896 841	059 003 947 891 835	058 *997 941 885 830	047 *991 936 880 824	042 *986 930 874 818	036 *980 924 869 813	031 *975 919 863 807	025 *969 913 857 802	852	5 6 6 5		5
780 1 2 3 4		791 735 679 624 568	785 729 674 618 563	779 724 668 613 557	774 718 668 607 552	768 713 657 602 546	763 707 652 596 541	757 702 646 591 535	752 696 640 585 530	690 635 579	685 629 574	5 6 5 6	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9		513 458 403 347 292	508 452 397 342 287	502 447 391 836 281	496 441 886 881 276	491 436 880 825 270	485 430 375 320 265	480 425 869 814 259	809	414 858 808	408 353 298	5 6 6 6	6 7 8 9	3 4 4 5
790 1 2 3 4		237 182 127 073 018	232 177 122 067 012	226 171 117 062 007	221 166 111 056 002	215 160 106 051 *996	210 155 100 045 *991	040	144 089 034	138 084 029	133 078	6 5 5		
5 6 7 8 9	•08	968 909 854 800 745	958 903 849 794 740	952 898 843 789 784	892 888 788	941 887 832 778 724	936 881 827 773 718	876 821 767	871 816 762	865 811 756	860 805 751	6 5 6		
800		691	686	680	675	669	664	658	653	648	642	5		

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800 1 2 3 4		691 637 583 528 474	686 631 577 523 469	680 626 572 518 464	675 620 566 512 458	669 615 561 507 453	664 610 555 501 447	658 604 550 496 442	653 599 545 491 437	648 593 539 485 431	642 588 534 480 426	5 5 6 6		
5 6 7 8 9		420 366 313 259 205	415 361 307 253 200	410 356 302 248 194	404 350 297 243 189	399 345 291 237 184	393 340 286 232 178	388 334 280 227 173	383 329 275 221 168	377 323 270 216 162	372 318 264 211 157	6 5 6 6		3
810 1 2 3 4	.08	151 098 044 991 938	146 093 039 986 932	141 087 034 980 927	135 082 028 975 922	13 0 076 023 970 916	125 071 018 964 911	119 066 012 959 906	114 060 007 954 900	109 055 002 948 895	103 050 *996 943 890	5 5 5 6	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9		884 831 778 725 672	879 826 772 719 666	874 820 767 714 661	868 815 762 709 656	863 810 757 703 650	858 804 751 698 645	852 799 746 693 640	847 794 741 688 635	842 788 735 682 629	836 783 730 677 624	5 5 5 5 5	7 8 9	4 4 5 5
820 1 2 3 4		619 566 513 460 407	613 560 508 455 402	608 555 502 449 397	603 550 497 444 391	597 545 492 439 386	592 539 486 434 381	587 534 481 428 376	582 529 476 423 370	576 523 471 418 365	571 518 465 413 360	5 5 6 5		
5 6 7 8 9		355 302 249 197	349 297 244 192 139	344 291 239 186 134	339 286 234 181 129	334 281 228 176 124	328 276 223 171 118	323 270 218 166 113	318 265 213 160 108	313 260 207 155 103	307 255 202 150 097	5 6 5 5 5		5
830 1 2 3 4	-07	092 040 988 935 883	087 035 982 930 878	082 029 977 925 873	076 024 972 920 868	071 019 967 915 863	066 014 962 909 857	061 009 956 904 852	056 003 951 899 847	050 *998 946 894 842	045 *993 941 889 837	5 6 6	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9		831 779 727 676 624	826 774 722 670 619	821 769 717 665 613	816 764 712 660 608	811 759 707 655 603	805 753 702 650 598	800 748 696 645 593	795 743 691 639 588	790 738 686 634 582	785 733 681 629 577	6 5 5 5	6 7 8 9	3 4 4 5
840 1 2 3 4		572 520 469 417 366	567 515 464 412 361	562 510 458 407 855	557 505 453 402 350	551 500 448 397 345	546 495 443 391 340	541 489 438 386 335	536 484 433 381 330	531 479 428 376 325	526 474 422 371 319	6 5 5 5 5		i
5 6 7 8 9		314 263 212 160 109	309 258 207 155 104	304 253 201 150 099	299 248 196 145 094	294 242 191 140 089	289 237 186 135 084	284 232 181 130 079	278 227 176 125 073	273 222 171 119 068	268 217 166 114 063	5 6 5 5		
850		058	053	048	043	038	033	027	022	017	012	5		

No.	power re-	0	1	2	3	4	5	6	7	8	9	D.	P	.P.
850 1 2 3 4		058 007 956 905 854	053 002 951 900 849	048 *997 946 895 844	043 *992 941 890 839	038 *987 936 885 834	033 *982 931 880 829	027 *976 925 875 824	022 *971 920 869 819	017 *966 915 864 814	012 *961 910 859 808	5 5 5 5 5 5		6
5 6 7 8 9		803 753 702 651 601	798 748 697 646 596	793 742 692 641 591	788 737 687 636 586	783 732 682 631 580	778 727 677 626 575	773 722 672 621 570	768 717 666 616 565	763 712 661 611 560	758 707 656 606 555	5 5 5 5 5	1 2 3 4 5	1 1 2 2 3
860 1 2 3 4		550 500 449 309 34 9	545 495 444 394 344	540 490 439 389 339	535 485 434 384 334	530 480 429 379 329	525 474 424 374 324	520 469 419 369 318	515 464 414 364 313	510 459 409 359 308	505 454 404 354 303	5 5 5 5 5	6 7 8 9	4 4 5 5
5 6 7 8 9		298 248 198 148 098	293 243 193 143 093	288 238 188 138 088	283 233 183 133 083	278 228 178 128 078	273 223 173 128 073	268 218 168 118 068	263 213 163 113 063	258 208 158 108 058	253 203 153 103 053	5 5 5 5 5		5
870 1 2 3 4	.02	048 998 948 899 849	043 998 943 894 844	038 988 938 889 839	033 983 933 884 834	028 978 928 879 829	02 3 978 923 874 824	018 968 918 869 819	018 968 914 864 814	008 958 909 859 809	003 953 904 854 804	5 5 5 5	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9		799 750 700 651 601	794 745 695 646 596	789 740 690 641 591	784 735 685 636 586	779 730 680 631 581	774 725 675 626 576	769 720 670 621 571	764 715 665 616 567	760 710 660 611 562	755 705 655 600 557	5 5 4 5 5	6 7 8 9	3 4 4 5
880 1 2 3 4		552 502 453 404 855	547 497 448 399 350	542 493 443 894 845	537 488 438 389 340	532 483 483 884 885	527 478 429 379 330	522 473 424 374 325	517 468 419 370 320	512 463 414 365 315	507 458 409 360 311	5 5 5 5		4
5 6 7 8 9		306 257 208 159 110	301 252 203 154 105	206 247 108 149 100	291 242 193 144 095	286 237 188 139 090	281 232 183 134 085	276 227 178 129 081	271 222 173 124 076	266 217 168 120 071	262 218 164 115 066	5 5 5 5	1 2 3 4 5	0 1 1 2
890 1 2 3 4	•04	061 012 964 915 866	056 007 959 910 861	051 002 954 905 857	046 *998 949 900 852	041 *998 944 895 847	037 *988 939 891 842	082 *983 934 886 837	027 *978 929 881 832	022 *973 925 876 827	017 *968 920 871 823	5 4 5 5 5	6 7 8 9	2 2 3 4
5 6 7 8		818 769 721 672 624	813 764 716 668 619	808 760 711 663 614	808 755 706 658 610	798 750 701 653 605	798 745 697 648 600	789 740 692 643 595	784 735 687 639 590	779 730 682 634 585	774 726 677 629 581	5 5 5 5 5		
900		576	571	566	561	556	552	547	542	537	532	4		

														
No.		0	1	2	3	4	5	6	7	8	9	D.]	?.P.
900	.04	576	571	566	561	556	552	547	542	537	532	4		
1	1	528	523	518	513	508	503	499	494	489		5	1	
2 3		479 431	475 426	470 422	465 417	$\begin{array}{c} 460 \\ 412 \end{array}$	455 407	450 402	$\frac{446}{398}$	441 393		5		
4		383	378	374	369	364	359	354	350	345		5		
5		335	330	326	321	316	311	306	302	297		5		
6 7		287 239	282 234	278 230	$\begin{array}{c} 273 \\ 225 \end{array}$	268 220	$\frac{263}{215}$	$\frac{258}{211}$	254 206	$\frac{249}{201}$		5		
8		191	187	182	177	172	168	163	158	153		4		
9		144	139	134	129	125	120	115	110	105	101	5	 _	5
910 1		096 048	$091 \\ 043$	086 039	082 034	$\begin{array}{c} 077 \\ 029 \end{array}$	$\begin{array}{c} 072 \\ 024 \end{array}$	$\begin{array}{c} 067 \\ 020 \end{array}$	$062 \\ 015$	058 010		5	1 2	1
2			*996				*977		*967	*962		5	3	1 2
3	.03		948	943	939	934	929	924	920	915	910	15	4	2
4		905	901	896	891	886	882	877	872	867	863	5	6	2 2 3 3
5		858	853	848	844	839	834	829	825	820	815	5	7	4
6 7		810 763	806 758	801 754	$796 \\ 749$	$791 \\ 744$	787 739	782 735	$\begin{array}{c} 777 \\ 730 \end{array}$	$\begin{array}{c} 773 \\ 725 \end{array}$	$\frac{768}{720}$	5	8	5
8		716	711	706	702	697	692	687	683	678	678	4 5	0	1 9
9		668	664	659	654	650	645	640	635	631	626	5		
920 1		621 574	616 569	612	607	602	598	598	588	588	579	5		
2		527	522	565 517	560 518	555 508	550 503	546 499	541 494	536 489	532 485	5		
3		480	475	470	466	461	456	452	447	442	438	5		
4		433	42 8	423	419	41.4	409	405	400	395	391	5		
5		386	381	376	872	367	362	358	353	848	344	12		
6 7		$\frac{339}{292}$	334 287	330 283	$\frac{325}{278}$	$\frac{320}{273}$	315 269	311 264	306 259	301	297	5		
8		245	241	236	231	226	222	217	212	255 208	250 203	5		
9		198	194	189	184	180	175	170	166	161	156	4		4
930		152	147	142	138	183	128	124	119	114	110	5	1	0
$\frac{1}{2}$		105 058	$\begin{array}{c} 100 \\ 054 \end{array}$	$\begin{array}{c} 096 \\ 049 \end{array}$	091 044	086 040	$082 \\ 035$	077 030	072 026	068 021	06 3 016	5	2	1
3	'	012	007		*998				*979		*970	4 5	8 4	1 0
4	.02	065	961	956	951	947	942	937	933	928	928	4	5	2 2
5 6		019	914	910	905	900	896	891	886	882	877	5	6 7	3
7		372 326	$\begin{array}{c} 868 \\ 821 \end{array}$	863 817	$\begin{array}{c} 858 \\ 812 \end{array}$	854 808	849 803	845 798	840 794	835 789	831 784	5 4	8	8
8	!	780	775	770	766	761	757	752	747	743	788	5	υ	4
9	1	788	729	724	720	715	710	706	701	696	692	5		
940 1		387	683	678	678	669	664	660	655	650	646	5		
2		341 595	636 590	586	581	628 576	$\frac{618}{572}$	618 567	609 568	604 558	600 558	5 4		
3	l l	549	544	540	535	530	526	521	517	512	507	4		
. 4	'	308	498	494	489	484	480	475	471	466	461	4		
5		157	452	448	443	438	434	429	425	420	415	4		
6 7		111 365	406	402	397	393	388	888	879	874	370	5		
8		319	360 315	356 310	351 305	347 301	342 296	337 292	883 287	328	824	5		
9		373	269	264	260	255	251	246	241	288 237	278 232	5		
950	2	28	223	218	214	209	205	200	196	191	187	5		
											1			- 1

No.		0	1	2	3	4	5	6	7	8	9	D.	P.	P.
950 1 2 3 4	.02	228 182 136 091 045	223 177 132 086 041	218 173 127 082 036	214 168 123 077 032	209 164 118 072 027	205 159 114 068 022	200 155 109 063 018	196 150 104 059 013	191 145 100 054 009	187 141 095 050 004	5 5 4 5 4		
5 6 7 8 9	-01	000 954 909 863 818	*995 950 904 859 814	*991 945 900 854 809	*986 941 895 850 805	*981 936 891 845 800	*977 932 886 841 796	*972 927 882 836 791	*968 922 877 832 786	*963 918 873 827 782	*959 913 868 823 777	5 4 5 5 4		5
960 1 2 3 4		773 728 682 637 592	768 723 678 633 588	764 719 673 628 588	759 714 669 624 579	755 710 664 619 574	750 705 660 615 570	746 701 655 610 565	741 696 651 606 561	737 692 646 601 556	732 687 642 597 552	4 5 5 5 5	1 2 3 4 5 6	1 1 2 2 3 3
5 6 7 8 9		547 502 457 412 368	543 498 453 408 363	538 493 448 403 359	534 489 444 399 354	529 484 439 395 350	525 480 435 390 345	520 475 430 386 341	516 471 426 381 336	511 466 421 37 7 332	507 462 417 372 327	5 5 4 4	7 8 9	4 5
970 1 2 3 4		323 278 233 189 144	318 274 229 184 140	314 269 224 180 135	309 265 220 175 131	305 260 216 171 126	300 256 211 166 122	296 251 207 162 117	291 247 202 157 113	287 242 198 153 108	283 288 193 149 104	5 4 5 4		
5 6 7 8 9	•00	100 055 011 966 922	$\begin{array}{c} 095 \\ 051 \\ 006 \\ 962 \\ 917 \end{array}$	091 046 002 957 913	086 042 *997 953 908	082 037 *998 948 904	077 033 *988 944 900	073 028 *984 939 895	068 024 *979 985 891	064 019 *975 931 886	059 015 *971 926 882	4 4 5 4 5	·	1
980 1 2 8 4		877 833 789 745 700	873 829 784 740 696	869 824 780 786 692	864 820 776 731 687	860 815 771 727 683	855 811 767 723 678	851 807 762 718 674	846 802 758 714 670	842 798 758 709 665	838 793 749 705 661	5 4 4 5 5	1 2 3 4 5	0 1 2 2 2 3 3
5 6 7 8 9		656 612 568 524 480	652 608 564 520 476	648 604 559 516 472	648 599 555 511 467	639 595 551 507 463	634 590 546 502 45 8	630 586 542 498 454	626 581 537 494 450	621 577 533 489 445	617 573 529 485 441	5 5 5 5	7 8 9	3 4
990 1 2 3 4		436 393 349 305 261	482 388 344 301 257	428 384 340 296 253	423 379 336 292 248	419 375 381 288 244	415 371 327 288 240	410 366 323 279 235	406 362 318 274 231	401 358 314 270 226	397 353 309 266 222	4 4 5 4		
5 6 7 8 9		218 174 130 087 043	218 170 126 083 039	209 165 122 078 035	205 161 117 074 030	200 157 113 070 026	196 152 109 065 022	192 148 104 061 017	187 144 100 056 013	188 139 096 052 009	178 135 091 048 004	4 5 4 5 4		
1000		000												

ILLOGS (ANTILOGS) OF NUMBERS

FROM

·0000 to ·9999

TO

SIX FIGURES.

Illogs of Red Numbers taken from this Table are negative. Their Mantissac must be made positive in the usual way.

.000 - .100

No.	O	1	. 2	3	4	5	6	7	8	9	D.]	P. P.
·000 1 2 3 4	10 000 023 046 069	1 02 2 04 3 07	$ \begin{array}{rrr} 54 & 0275 \\ 85 & 0508 \\ 16 & 0746 \end{array} $	7 0300 3 0531 0 0763	0323 0554 0786	0115 0346 0577 0809 1042	0369 0600 0832	0392 0624 0856	0415 0647 0879	0207 0438 0670 0902 1135	24 24 23 23 23		23
5 6 7 8 9	115 139 162 185 209	1 14 5 16 9 18	14 1438 48 1672 83 1906	3 1461 2 1695 3 1930	1485 1719 1953	1274 1508 1742 1976 2212	1531 1765 2000	1555 1789 2023	1578 1812 2047	1368 1601 1836 2070 2306	23 24 23 24 23	1 2 3 4 5 6 7 8 9	2 5 7 9 12 14 16
·010 1 2 3 4	232 256 280 303 327	5 253 2 283 9 300	39 2612 25 2849 32 3086	2 2636 2873 3 3110	2660 2896 3134	2447 2683 2920 3157 3395	2707 2944 3181	2731 2967 3205	2754 2991 3229	2542 2778 3015 3252 3490	23 24 24 24 24 24	. 8	18 21
5 6 7 8 9	351 375 399 423 447	3 377 2 407 2 428	77 3801 16 4040 56 4280	3825 4064 4304	3848 4088 4328	3633 3872 4112 4352 4592	3896 4136 4376	3920 4160 4400	3705 3944 4184 4424 4665	3729 3968 4208 4448 4689	24 24 24 24 24 24	1 2 3 4	24 2 5 7
·020 1 2 3 4	471 495 519 543 568	4 497 6 5 25 9 546	78 5003 20 5245 33 5487	5027 5269 5512	5051 5293 5536	4833 5075 5317 5560 5803	5099 5342 5584	5124 5366 5609	4906 5148 5390 5633 5877	4930 5172 5414 5657 5901	24 24 25 25 24	5 6 7 8 9	2 5 7 10 12 14 17 19 22
5 6 7 8 9	592 617 641 666 690	0 619 4 649 0 668	04 6218 89 6463 84 6709	6243 6488 6733	6267 6512 6758	6047 6292 6537 6782 7029	6561	6341 6586 6832	6121 6365 6611 6856 7103	6145 6390 6635 6881 7127	25 24 25 24 25	1	25
·030 1 2 3 4	715 739 764 789 814	9 742 7 767 5 792	14 7448 11 7696 20 7944	7473 7721 7969	7498 7746 7994	7275 7523 7771 8019 8268	7300 7547 7795 8044 8293	7572 7820 8069	7349 7597 7845 8094 8343	7374 7622 7870 8118 8368	25 25 25 25 25 25	23456789	8 5 8 10 18 15 18 20 28
5 6 7 8 9	839 864 889 914 939	3 866 3 891 4 916	8 8693 8 8943 9 9194	8718 8968	8743	8518 8768 9018 9270 9522	8543 8793 9044 9295 9547	8818 9069 9320	8593 8843 9094 9345 9597	8618 8868 9119 9370 9623	25 25 25 26 25		
·040 1 2 3 4	964 990 11 015 040 066	1 992 4 017 8 043	6 9951 9 0205 3 0459	9977 0230 0484	9749 *0002 0255 0510 0764	9774 *0027 0281 0535 0790	9799 *0053 0306 0561 0815	*0078 0332 0586	9850 *0103 0357 0611 0866	9875 *0129 0382 0637 0892	26 25 26 25 25	1 2 3 4 5	3 · 5 · 8 · 10 · 13 · 16
5 6 7 8 9	091 117 142 168 194	3 119 9 145 3 171	9 1224 5 1481 2 1738	1250 1506 1764	1020 · 1276 1532 1789 2047	1045 1301 1558 1815 2073	1071 1327 1584 1841 2099	1096 1353 1609 1866 2124	1122 1378 1635 1892 2150	1148 1404 1661 1918 2176	25 25 25 26 26	6 7 8 9	16 18 21 23
050	220	2 222	8 2254	2279	2305	2831	2357	2383	2409	2435	25		

										,	
0	1	2	3	4	5	6	7	8	9	D.	P.P.
202	2228	2254	2279	2305	2331	2357	2383	2409	0495	OF.	,
460	2486	2512	2538	2564	2590	2616	2642	2668	$2435 \\ 2694$	25 26	Ì
720	2746	2772	2798	2824	2850	2876	2902	2928	2954	26	(
980	3006	3032	3058	3084	3110	3136	3162	3188	3214	26	25
240	3266	3292	3318	3344	3370	3397	3423	3449	3475	26	
501.	3527	3553	3580	3606	3632	3658	3684	3710	3737	26	1 3 5 3 8
763	3789	3815	3841	3868	3894	3920	3946	3972	3999	26	3 8 4 10
025	4051	4078	4104	4130	4156	4183	4209	4235	4262	26	5 13
288	4314	4340	4367	4393	4419	4446	4472	4499	4525	26	6 15 7 18
551	4578	4604	4630	4657	4683	4710	4736	4762	4789	26	8 20 9 28
815	4842	4868	4895	4921	4948	4974	5001	5027	5054	26	
080 345	5107 5372	5133 5398	$5160 \\ 5425$	$\begin{array}{c} 5186 \\ 5452 \end{array}$	$\frac{5213}{5478}$	5239 5505	$\begin{array}{c} 5266 \\ 5531 \end{array}$	5292 5558	5319	26	
611	5638	5664	5691	5718	5744	5771	5798	5824	5585 5851	26 27	26
878	5904	5931	5958	5985	6011	6038	6065	6091	6118	27	1 8
145	6172	6198	6225	6252	6279	6305	6332	6359	6386	27	2 5 8
413	6439	6466	6493	6520	6547	6574	6600	6627	6654	27	4 10 5 18
681	6708	6735	6762	6788	6815	6842	6869	6896	6923	27	6 16
950	6977	7004	7031	7058	7085	7112	7139	7166	7193	27	7 18
220	7247	7274	7301	732 8	7355	7382	7409	7436	7463	27	8 21 9 28
490	7517	7544	7571	7598	7625	7652	7679	7706	7733	28	
761	7788	7815	7842	7869	7896	7923	7951	7978	8005	27	{
1032	8059 8331	8086	8114	8141	8168	8195	8222	8250	8277	27	27
304 577	8604	8359 8631	8386 8659	8413 8686	8440 8713	8468 8741	8495 8768	8522 8796	$\begin{array}{c} 8550 \\ 8823 \end{array}$	27 27	1 8 5
											1 3 5 8 4 11 5 14 6 16
850	8878	8905	8932	$8960 \\ 9234$	8987 9261	9015 9289	9042 9316	9069	9097	27	5 14
124 309	$9152 \\ 9426$	$9179 \\ 9454$	$\begin{array}{c} 9207 \\ 9481 \end{array}$	9509	9586	9564	9591	9344 9619	$9371 \\ 9647$	28 27	6 16
674	9702	9729	9757	9784	9812	9840	9867	9895	9922	28	7 19 8 22
980	9978	*0005	*0033	*0060			*0143	*0171		27	9 24
226	0254	0282	0310	0337	0365	0393	0420	0448	0476	28	
0504	0531	0559	0587	0615	0642	0670	0698	0726	0754	27	28
781	0809	0837	0865	0893	0921	0948	0976	1004	1032	28	
.060	1088	1116	1143	1171	1199	1227	1255	1283	1311	28	1 8 6
.839	1367	1305	1423	1451	1479	1507	1535	1568	1591	28	8 8 4 11 5 14
619	1647	1675	1703	1731	1759	1787	1815	1843	1871	28	5 14
899	1927	1955	1983	2011	2039	2067	2096	2124	2152	28	6 17 7 20 8 22 9 25
8180	2208	2236	2264	2298	2321	2349	2377	2405	2433	29	8 22
3462 3744	2490 2772	2518 2800	2546 2829	$2574 \\ 2857$	2603 2885	2631 2914	$2659 \\ 2942$	2687 2970	2716 2999	28	9 25
										1	j
B027	3055	3084	3112 3396	$\frac{3140}{8424}$	3169 3453	3197 3481	3225 3509	3254 3538	$\frac{3282}{3566}$	28 29	29
8310 8898	8889 8808	336 7 3652	3680	8709	3737	3766	3794	8823	3851	29	
8895 8880	3023 3908	3937	3965	3994	4022	4051	4079	4108	4137	28	2 6
1165	4194	4222	4251	4280	4808	4337	4866	4394	4423	28	8 9 4 12
451	4480	4509	4537	4566	4595	4624	4652	4 6 81	4710	28	6 16
788	4767	4796	4825	4853	4882	4911	4940	4968	4997	29	6 17 7 20 8 28
026	5055	5083	5112	5141	5170	5199	5228	5256	5285	29	9 26
5314	5343	5372	5401	5430	5458	5487	5516	5545	5574	29	
5 6 03	5632	5661	2690	5719	5748	5777	5806	5835	5864	29	ł
5893	5922	5951	5980	6009	6038	6067	6096	6125	6154	29	
			4	Add Pro	portiona	l Parts					151

 $\cdot 100 - \cdot 200$

ILLOGS (Antilogs).

N	o.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
.1	00 1 2 3 4	12	5893 6183 6474 6765 7057	5922 6212 6503 6794 7087	6241 6532 6824	6270 6561 6853	6009 6299 6590 6882 7174	6038 6328 6619 6911 7204	6067 6357 6648 6940 7233	6386 6678 6970	6125 6415 6707 6999 7292	6445 6736 7028	29 29 29 29 29	29
	5 6 7 8 9		7350 7644 7938 8233 8529	7380 7678 7968 8263 8558	7703 7997 8292	7732 8027	7468 7761 8056 8351 8647	7497 7791 8086 8381 8677	7526 7820 8115 8410 8706	7850 8145 8440	7585 7879 8174 8469 8766	7014 7909 8204 8499 8795	30 29 29 30 30	1 3 6 8 9 12 15 17 7 20 8 28 9 26
-13	10 1 2 8 4	13	8825 9122 9420 9718 0017	8855 9152 9449 9748 0047	9181 947 9	8914 9211 9509 9808 0107	8944 9241 9539 9887 0187	8078 9271 9569 986 7 016 7	9003 9300 9599 9887 0197	9033 9330 9628 9927 0227	9062 9360 9658 9957 02 57	9092 9390 9688 9987 0287	30 30 30 30 30	30
	5 6 7 8 9		0317 0617 0918 1220 1522	0847 0647 0948 1250 1553	0677 0978 1280		0487 0787 1039 1841 1644	0467 0768 1069 1371 1674	0497 0798 1099 1401 1704	0828 1129 1432	0557 0858 1160 1462 1765	0587 0888 1190 1492 1795	30 30 30 30 30	2 0 3 0 4 12 5 15 6 18 7 21 8 24 9 27
1:1:	20 1 2 3 4		1826 2130 2434 2739 8045	1856 2160 2465 2770 3076	2495 2801	1917 2221 2526 2831 3137	1947 2251 2556 2862 8168	1978 2282 2587 2892 3199	2008 2312 2617 2923 3229		2069 2373 2678 2984 3291	2099 2404 2709 3015 3321	31 30 30 30 31	31 1 8 2 6 8 9 4 12
	5 6 7 8 9		3852 8660 8968 4276 4586	3883 3690 3999 4307 4617		3444 3752 4060 4369 4679	8475 8783 4091 4400 4710	3506 3814 4122 4431 4741	3537 3844 4153 4462 4772	3567 3875 4184 4493 4803	3598 3906 4215 4524 4834	3029 3987 4246 4555 4865	31 31 30 31 31	1 8 2 6 8 9 4 12 6 10 7 22 8 25 9 28
.18	30 1 2 3 4		4896 5207 5519 5881 6144	4027 5238 5550 5863 6176	4958 5270 5581 5894 6207	4990 5801 5613 5925 6239	5021 5382 5644 5957 6270	5052 5363 5675 5088 6301	5088 5394 5706 6019 6333	5114 5425 5788 6050 6364	5145 5457 5769 6082 6395	5176 5488 5800 6113 6427	31 31 31 31 31	32 1 8 2 6 8 10
	5 6 7 8 9		6458 6773 7088 7404 7721	6490 6804 7120 7436 7758	6521 6836 7151 7467 7784	6553 6867 7183 7499 7816	0584 6809 7214 7581 7848	6616 6930 7246 7562 7880	6647 6962 7278 7594 7911	6678 6994 7809 7626 7943	6710 7025 7841 7658 7975	6741 7057 7878 7689 8007	32 81 81 82 81	1 8 8 10 4 18 5 16 6 19 7 22 8 26 9 29
•14	10 1 2 8 4		8038 8357 8676 8995 9316	8070 8388 8708 9027 9348	8102 8420 8739 9059 9380	8134 8452 8771 9091 9412	8166 8484 8803 9128 9444	8197 8516 8835 9155 9476	8229 8548 8867 9187 9508	8261 8580 8899 9219 9540	8293 8612 8931 9252 9578	8325 8644 8963 9284 9605	32 32 32 32 32	39 1 8 2 7 5 10 4 18
	5 6 7 8	14	9637 9959 0281 0605 0929	9669 9991 0314 0637 0961	9701 *0023 0346 0070 099 4	9783 *0055 0878 0702 1026	9766 *0088 0411 0734 1059	9798 *0120 0448 0767 1091	9830 *0152 0475 0799 1124	9862 *0185 0508 0832 1156	9894 *0217 0540 0864 1189	9927 *0249 0572 0896 1221	32 32 33 33	4 18 5 17 6 20 7 23 8 26 9 30
·15	0		1254	1286	1819	1851	1384	1416	1449	1482	1514	1547	82	

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·150	14	1254	1286	1319	1351	1384	1416	1449	1482	1514	1547	32		
1		1579	1612	1645	1677	1710	1742	1775	1808	1840	1873	33		32
2		1906	1938	1971	2004	2037	2069	2102	2135	2167	2200	33	1	3
3	İ	2233		2298	2331	2364	2397	2430		2495	2528	33	2	6
4		2561	2594	2626	2659	2692	2725	2758	2791	2824	2856	33	1 2 3 4 5	10 18 16
5		2889		2955		3021	3054	3087	3120	3153	3186	33	6 7 8 9	19
6 7	1	3219 3549		3285		3351 3681	3384 3714	3417	3450	3483 3814		33	8	22 20
8	ı	3880		3615 3946		4012	4046	$\frac{3747}{4079}$	$\frac{3781}{4112}$	4145	$\frac{3847}{4178}$	33	9	29
9	i	4212		4278		4344	4378	4411	4444	4477	4511	33		20
.160		4544	4577	4611	4644	4677	4710	4744	4777	4810	4844	33		33
1		4877	4911	4944		5011	5044	5077	5111	5144	5178	33	1 2	8 7
2		5211	5245	5278		5345	5378	541.2		5479	5512	34	[8	10
3		5546		5613		5680	5714	5747	5781	5814	5848	33	4 5	17
4		5881	5915	5949	5982	6016	6049	6083	6117	6150	6184	34	8	18 17 20 28 20 30
5		6218	6251	6285	6319	6352	6386	6420	6454	6487	6521	34	8	20
6	1	6555	6589	6622		6690	6724	6757	6791	6825	6859	34	v	1 80
7	į	6898	6926	6960		7028	7062	7096	71.30	7163	7197	34]	
8		7231	7265	7299		7367	7401	7435	7469	7503	7537	34		34
9		7571	7605	7639	7673	7707	7741	7775	7809	7843	7877	34	1	8
.170		7911	7945	7979	8013	8047	8081	8115	8149	8184	8218	34	2 3 4	7
1	1	8252	8280	8320	8354	8388	8423	8457	8491	8525	8559	35		14
2		8594	8628	8662	8696	8730	8765	8799	8833	8868	8902	34	5 6 7	20
3		8936	8970	9005		9073	9108	9142		9211	9245	34	7	24
4		9279	9314	9348	9383	9417	9451	9486	9520	9555	9589	35	8	17 20 24 27 31
5		9624	9658	9002		9761	9796	9830	9865	0899	9984	34		
6			*0003		*0072				*0210		*0280	34		35
7	10	0314 0661	0895	038 3 0730	$0418 \\ 0765$	$\begin{array}{c} \textbf{0458} \\ \textbf{0800} \end{array}$	0487 0834	052 2 0809	0557 09 04	0591 0938	$0626 \\ .0973$	35 35	ı	1 4
8		1008	1043	1078		1147	1182	1217	1252	1286	1321	35	2	11
180		1356	1891	1426	1461	1496	1530	1565	1600	1635	1670	35	4 5	14 18 21 25 28 82
1		1705	1740	1775	1810	1845	1880	1915	1950	1985	2020	35	- 63	21
2		2055	2090	2125		2195	2230	2265	2300	2335	2870	35	8	28
3	1	2405	2440	2475	2511	2546	2581	2616	2651	2686	2721	86	9	82
4		2757	2792	2827	28 6 2	2897	2933	2968	3003	3038	8073	36		
5		8109	3144	8179	3215	3250	8285	8320	8356	3391	8426	36		88
6	ļ	3462	3497	8582	8568	3603	8638	8674	3709	3745	3780	35	1	4
7		3815	8851	8886	3922	8957	3993	4028	4064	4099	4135	35	2 8	7
8		4170	4206	4241	4277	4312	4348	4383	4419	4454	4490	35	4 5	14
9		4525	4561	4597	4632	4668	4708	4739	4775	4810	4846	36		11 14 18 22 25 20 89
190	ļ	4882	4917	4953	4989	5024	5060	5096	6132	5167	5203	36	7 8	25 20
1		5239	5274	5310	5346	5382	5418	5453	5489	5525	5561	86	Ø	82
2	}	5597	5632	5668	5704	5740	5776	5812	5848	5883	5919	36		
8		5955	5991	6027	6068	6099	6135	6171	6207	6243	6279	36		37
4		6315	6351	6387	6428	6459	6495	6531	6567	6603	6639	36	1	
5		6675	6711	6747	6783	6819	6856	6892	6928	6964	7000	36	2	7
6		7036	7072	7109	7145	7181	7217	7258	7290	7826	7362	36	8	11 15
7		7398	7485	7471	7507	7548	7580	7616	7652	7688	7725	36	. 5	10
8		7761	7797	7834	7870	7906	7943	7979	8016	8052	8088	37	8	92
9		8125	8161	8198	8284	8271	8307	8843	8880	8416	8453	36	8	22 26 80 88
·200		8489	8 52 6	8562	8599	8635	8672	8708	8745	8782	8818	37	,	1 60
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3 4		9588 9956	9625 9993	9661 *0029	9698 *0066	9735 *0103	9772 *0140	9809 *0177	*0214		*0288	37	1 2 3 4 5 0 7	7 11 14 18 22 25 29 82
5 6	16	0325 0694	0361 0731	$0398 \\ 0768$	0435 0805	$0472 \\ 0842$	0509 0879	0546 0916	0583 0953	0620 0990	$0657 \\ 1027$	37	7	22 25
7		1065	1102	1139	1176	1213	1250	1287	1324	1362	1399	87	8	29
8 9		$\begin{array}{c} 1436 \\ 1808 \end{array}$	$1473 \\ 1845$	$\begin{array}{c} 1510 \\ 1883 \end{array}$	$1547 \\ 1920$	$1585 \\ 1957$	$\frac{1622}{1994}$	$\frac{1659}{2032}$	$\frac{1696}{2069}$	$\frac{1734}{2106}$	$\frac{1771}{2144}$	37 37		
·210		2181	2218	2256	2293	2330	2368	2405	2443	2480	2517	38		37
1		2555	2592	2630	2667	2705	2742	2780	2817	2855	2892	38	973	7
2		2930 3305	$\frac{2967}{3343}$	3005 3380	3042 3418	$\begin{array}{c} 3080 \\ 3456 \end{array}$	3117 3493	3155 3531	$\frac{3192}{3569}$	3230 3606	$\frac{3268}{3644}$	37	4	11 15
3 4		3682	3719	3757	3795	3832	3870	3908	3946	3983	4021	38	123456789	10 22 26 80
5		4059	4097	4135	4172	4210	4248	4286	4324	4361	4399	88	8	80
6		4437	4475	4513	4551	4589	4027	4665	4703	4740	4778	38	v	1 88
7		4816	4854	4892	4980	4968	2000	5044	5082	5120	5158	88		
8 9		$\begin{array}{c} 5196 \\ 5577 \end{array}$	$\begin{array}{c} 5234 \\ 5615 \end{array}$	5272 5653	5310 5691	$\begin{array}{c} 5348 \\ 5730 \end{array}$	5386 5768	5425 5806	5463	5501 5882	5539 5920	38 39		88
.220		5959	5997	6035	6073	6112	6150	6188	6226	0205	6803	38	2 8	8
1		6341	6380	6418	6456	6495	6533	6571	6610	0048	6686	39	4	15
2		$\begin{array}{c} 6725 \\ 7109 \end{array}$	$6763 \\ 7148$	6802 7186	$\frac{6840}{7225}$	6878 7 2 63	6917 7302	$6955 \\ 7340$	$\frac{6994}{7379}$	7032 7417	7071 7456	38	6	28
3 4		7494	7533	7571	7610	7649	7687	7726	7764	7803	7842	38	128456780	11 15 10 28 27 50 84
5		7880	7919	7958	7996	8085	8074	8112	8151	8190	8229	88		. **
6		8267	8306	8845	8384	8422	8461	8500	8539	8578	8616	89	1	89
7 8		8655 9044	8694 9083	$8733 \\ 9122$	8772 9161	8811 9200	8850 9289	8888 9278	8927 9317	8966 8356	9005 9395	89 89	1	1 4
9		9434	9473	9512	9551	9590	9629	9068	9707	9746	9785	89	1 2 8 4 5 7	8 12
230		9824	9863	9903	9942	9981	#0020	*0059	*0098	*0137	*0177	39	я Б	16 20 28 27 27 81
1	17	0216 0608	0255	0294	0333 0726	0373	0412	0451	0490	0580	0569	89	7	27
2 8		1002	1041	0687 1080	1120	$0765 \\ 1159$	0805 1199	$0844 \\ 1288$	0883 1277	0928 1317	0962 1856	40	8	81 86
4		1896		1475	1514	1554	1598	1683	1672	1712	1751	40		
5		1791	1880	1870	1910	1949	1989	2028	2068	2108	2147	40	-	10
6 7		$2187 \\ 2584$	$\frac{2227}{2624}$	2266 2663	2806 2703	$2346 \\ 2743$	2385 2783	2425 2822	2465	2504	2544	40	1 2	# #
8		2982	8021	8061	8101	3141	8181	3221	2862 3261	2902 8301	2942 3340	40	8	12
ğ		8380	3420	8460	8500	3540	8580	8620	3660	8700	8740	40	1 2 8 4 5 6 7 8 9	16 20 24 28 88
.240		3780	8820	3860	3900	8940	8980	4020	4060	4100	4141	40	7 8	28 82
1 2		4181 4582	$\frac{4221}{4622}$	4261 4663	4301 4703	4841 4748	4381 4788	4421 4824	4462 4864	4502 4904	4542 4944	40	9	i ad
3		4985	5025	5065	5106	5146	5186	5227	5267	5807	5848	41 40		
4		5388	5428	5469	5509	5550	5590	5681	5671	5711	5752	40		41
5		5792	5833	5873	5914	5954	5995	6035	6076	6116	6157	41	1 2 3	8
6		6198	6238	6279	6819	6860	6401	6441	6482	6522	6568	41	4	12
7 8		6604 7011	6644 7052	6685 7092	6726 7183	6767 7174	6807 7215	6848	6889	6929	6970	41	- 6	21
9		7419	7460	7501	7542	7582	7628	7256 7664	7296 7705	7337 7746	7378 7 8 87	41	6 7 8	16 21 25 29 33 87
250		7828	7869	7910	7951	7992	8033	8074	8115	8156	7 5 87 7 8197	41	8	83

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7828 7869 7910 7951 7992 8033 8074 8115 8156 8238 8279 8320 8361 8402 8443 8484 8525 8567 8649 8690 8731 8772 8813 8855 8866 8937 8978 9061 9102 9143 9184 9220 9207 9308 9349 9391 9478 9515 9556 9597 9639 9680 9721 9763 9804 9887 9920 9970 *0011 *0053 *0094 *136 *0177 *763 9804 9877 9830 8680 9509 9551 0593 0631 842 9884 0926 9551 0593 0631 842 9884 9926 9671 1099 1051 1134 1136 1468 1468 1552 1593 1163 1468 1458 1468 1462 1444 1886		9	8608 9019 9432	0676 1092 1510	2768 3189 3612 4035	5310 5738	7025 7456 7888	9101 9627 *0064 0502 0941 1382	2708 8152 8598	5389 5889	6748 7197 7651
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7828 7869 7910 7951 7992 8033 8238 8279 8320 8361 8402 8443 8649 8690 8781 8772 8813 8855 9061 9102 9143 9184 9226 9267 9473 9515 9556 9597 9639 9680 9887 9929 9970 *0011 *0053 *0094 0302 0343 0385 0426 0468 0509 0717 0759 0801 0842 0884 0926 1134 1176 1217 1259 1301 1348 1552 1593 qt,163p 1677q 1719 1761 1970 2012 2054 2096 2138 2180 2390 2432 2474 2516 2558 2600 2810 2852 2894 2936 2978 3021 3231 3274 3316 3358		6	8484 8896 9308	0551 0967 1384	2642 3063 3485 3908 4332	5183 5609	6896 7327 7759	9060 9496 9938 0371 0810 1249	2575 3019 3464	4805 5254 5704	6607 7061 7515
7828 7869 7910 7951 7992 8238 8279 8320 8361 8402 8649 8690 8731 8772 8813 9061 9102 9143 9184 9226 9473 9515 9556 9597 9639 9887 9929 9970 *0011 *0053 0302 0348 0385 0426 0468 0717 0759 0801 0842 0884 1134 1176 1217 1259 1301 1552 1593 41.1632 1677, 1719 1970 2012 2054 2096 2138 2390 2432 2474 2516 2558 2810 2852 2894 2936 2978 3231 3274 3316 3358 3400 3654 3696 3738 3781 3823 4077 4120 4162 4204 4247 4502 4544 4587 4629 4672 4027 4069 5012 5055 5097 5353 5396 5439 5481 5524 5780 5823 5866 5909 5952 6209 6252 6294 6337 6380 6638 6681 6724 6767 6810 7068 7111 7154 7197 7241 74190 7543 7586 7629 7672 7932 7975 8018 8062 8105 8365 8408 8452 8495 858 8799 8843 8886 8930 8973 9234 9278 9322 9365 9409 9671 9774 9758 9802 9845 0108 0152 0195 0239 0283 0546 0590 0634 0678 0722 0985 1029 1078 117 1161 1426 1470 1514 1558 1602 1867 1911 1955 1999 2044 2309 2353 2398 2442 2486 2752 2797 2841 2886 2930 3197 3241 3286 3330 3375 3642 3687 3731 3776 3821 4084 5029 5074 5119 5164 5836 4581 4626 4670 4715 4984 5029 5074 5119 5164 5846 5834 6879 6925 6970 7242 7288 7333 7379 7424 7697 7742 7788 7887 4834 7879 8153 8198 8244 8290 8385		5	8443 8855 9267	0509 0926 1343	2600 3021 3443 3865 4289	5140 5567	6853 7284 7715	9017 9452 9889 0327 0766 1205	2531 2975 3419	4812 4760 5209 5659	6562 7015 7469
7828 7869 7910 7951 8238 8279 8320 8361 8249 8690 8731 8772 9061 9102 9143 9184 9478 9515 9556 9597 9887 9029 9970 **0011 0302 0343 0385 0426 0717 0759 0801 0842 1134 1176 1217 1259 1552 1593 41.1639 1677 1970 2012 2054 2096 2390 2432 2474 2516 2810 2852 2894 2936 3231 3274 3316 3358 3654 3696 3738 3781 4077 4120 4162 4204 4502 4544 4587 4629 4027 4969 5012 5055 5353 5396 5439 5481 5780 5823 5866 5909 6209 6252 6204 6337 6638 6681 6724 6767 7068 7111 7154 7197 7409 7543 7586 7629 7932 7975 8018 8062 8365 8408 8452 8495 8799 8843 8886 8930 9234 9278 9322 9366 8799 8843 8886 8930 9234 9278 9322 9369 0546 0590 0634 0678 0985 1029 1073 1117 1426 1470 1514 1558 1867 1911 1955 1099 2309 2953 2398 2442 2752 2797 2841 2886 3197 3241 3286 3330 3642 3687 3731 3776 4089 4133 4178 4223 4536 4581 4626 4670 4984 5029 5074 5119 5434 5479 5524 5569 5834 6381 6426 6472 6789 6834 6879 6925		4	8402 8813 9226	0468 0884 1301	2558 2978 3400 3823 4247	5097 5 524	$6810 \\ 7241 \\ 7672$	8973 9409 9845 0283 0722 1161	2486 2930 3375	4267 4715 5164	6517 6970 7424
7828 7869 7910 8238 8279 8320 82649 8690 8781 9061 9102 9143 9478 9515 9556 9887 9929 9970 0302 0343 0385 0717 0759 0801 1134 1176 1217 1552 1593 91,1639 1970 2012 2054 2390 2432 2474 2810 2852 2894 2391 3274 3316 3654 3696 3788 4077 4120 4162 4502 4544 4587 4027 4969 5012 5353 5396 5439 5780 5823 5866 6209 6252 6294 6638 6681 6724 7068 7111 7154 7499 7543 7586 7932 7975 8018 8365 8408 8452 8799 8843 8886 9234 9778 8018 8365 8408 8452 8799 8843 8886 9234 9778 8018 8365 8408 8452 8799 8843 8886 9234 9778 8018 8365 8408 8452 8799 8843 8886 9234 9778 8018 8365 8408 8452 8799 8843 8886 9234 9778 8018 8365 8408 8452 8799 8843 8886 9234 9778 8018 8365 8408 8452 8799 8843 8886 9234 9778 932 7975 8018		3	8361 8772 9184	$0426 \\ 0842 \\ 1259$	2516 2936 3358 3781 4204	5055 5481	6767 7197. 7629	8930 9365 9802 0239 0678 1117	2442 2886 3330	.4223 4670 5119	6472 6925
7828 7869 8238 8279 8649 8690 9061 9102 9478 9515 9887 9929 0302 0343 0717 0759 1134 1176 1552 1593 1970 2012 2390 2432 2810 2852 3231 3274 3654 3696 4077 4120 4502 4544 4027 4969 5353 5396 5780 5823 6209 6252 6638 6681 7068 7111 7499 7543 7932 7975 8365 8408 8799 8843 9234 9278 9678 96834 9278 9678 1029 1426 1470 1867 1911 2309 2853 2752 2797 3197 3241 3642 3687 4089 4183 4536 4581 4984 5029 5434 5479 5836 5381 6789 6834 7242 7288 7697 7742 8158 8198		2	8320 8731 9143	0385 0801 1217 11639	2474 2894 3316 3788	$5012 \\ 5439$	6724 7154 7586	8886 9322 9758 0195 0634 1078	2898 2841 8286	4178 4626 5074	6426 6879
7828 8238 9061 9478 9887 90717 1134 1552 1970 2390 2810 3231 4077 4502 4535 5780 6208 7492 6638 7492 7535 7793 8365 7492 8365 7492 8365 7492 8365 8365 8365 8365 8365 8365 8365 8365		1	$8279 \\ 8690 \\ 9102$	0343 0759 1176	2432 2852 3274 3696	4969 5396	6681 7111 7543	8843 9278 9714 0152 0590 1029	2353 2797 3 241	4183 4581 5029	5930 6381 6834
		0	8238 8649 9061	$0302 \\ 0717 \\ 1134$	2390 2810 3231 3654	49 27 5353	6638 7068 7499	8799 9284 9671 0108 0546 0985	1867 2309 2752 3197	4089 4536 4984	5884 6336 6789

·300 — ·400

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·300 1 2 3 4		9526 9986 0447 0909 1372	9572 *0032 0493 0956 1419	9618 *0078 0540 1002 1465	9664 *0124 0586 1048 1512	9710 *0170 0632 1094 1558	9756 *0217 0678 1141 1604	9802 *0263 0724 1187 1651	9848 *0309 0771 1233 1697	9894 *0355 0817 1280 1744	9940 *0401 0863 1326 1790	46 46 46 46	10 4000
5 6 7 8 9		1837 2302 2768 3236 3704	1883 2349 2815 3283 3751	1930 2395 2862 3329 3798	1976 2442 2908 3376 3845	2023 2488 2955 3423 3892	2069 2535 3002 3470 3939	2116 2582 3049 3517 3986	2162 2628 3095 3564 4033	2209 2675 3142 3610 4080	2255 2722 3189 8657 4427	47 46 47 47 47	46 47 1 5 5 2 9 9 3 14 14 4 18 19 6 23 24
·310 1 2 3 4		4174 4644 5116 5589 6063	4221 4692 5163 5636 6110	4268 4739 5211 5684 6158	4315 4786 5258 5731 6205	4362 4833 5305 5779 6258	4409 4880 5353 5828 6300	4456 4927 5400 5878 6348	4508 4975 5447 5921 6395	4550 5022 5494 5968 6443	4597 5069 5542 6016 6490	47 47 47 47 48	3 14 14 4 18 10 6 23 24 6 28 28 7 82 88 8 37 38 9 41 42
5 6 7 8 9		6538 7014 7491 7970 8449	6586 7062 7589 8018 8497	6633 7109 7587 8065 8545	6681 7157 7685 8113 8593	6728 7205 7683 8161 8641	6776 7253 7730 8209 8689	6824 7300 7778 8257 8737	6871 7348 7826 8305 8785	6919 7896 7874 8353 8833	6966 7444 7922 8401 8882	48 47 48 48 48	1 6 5 2 10 10 3 14 15 4 19 20
·320 1 2 3 4	21	8930 9411 9894 0878 0803	8078 9459 9942 0426 0911	9026 9508 9991 0475 0960	9074 9556 *0039 0528 1009	9122 9604 *0087 0572 1057	9170 9652 *0136 0620 1106	9218 9701 *0184 0669 1154	9267 9749 *0233 0717 1203	#0281 0766	9363 9846 *0329 0814 1300	48 48 49 49	1
5 6 7 8 9		1849 1836 2324 2814 8304	1308 1885 2373 2863 3354	1446 1934 2422 2912 3403	1495 1982 2471 2961 3452	1544 2031 2520 3010 3501	1592 2080 2569 8059 8550	1641 2129 2618 3108 3599	1690 2178 2667 3157 3649	1739 2227 2716 3306 3608	1787 2276 2765 3255 3747	49 49 49 49	50 51 1 5 6 2 10 10
·330 1 2 3 4		3796 4289 4783 5278 5774	8845 4338 4833 5328 5824	3895 4888 4882 5377 5874	3944 4437 4982 5427 5924	3993 4487 4981 5477 5973	4042 4536 5030 5526 6023	4092 4585 5080 5576 6073	4141 4635 5130 5625 6123	4190 4684 5179 5075 6172	4210 4734 5229 5725 6222	49 49 49 50	3 15 16 4 20 20 5 25 20 6 30 31 7 35 31 8 40 41 9 45 46
5 6 7 8 9		6272 6770 7270 7771 8273	6322 6820 7320 7821 8323	6371 6870 7870 7871 8374	0421 6920 7420 7921 8424	6471 6970 7470 7972 8474	6521 7020 7520 8022 8524	6571 7070 7570 8072 8575		6671 7170 7671 8172 8675	6721 7220 7721 8228 8726	49 50 50 50	52
·340 1 2 3 4	22	8776 9280 9786 9293 0800	8827 9331 9837 0343 0851	8877 9381 9887 0394 0902	8927 9482 9988 9445 9958	8978 9483 9989 0496 1004	9028 9583 #0039 0546 1055	9079 9584 #0090 0597 1106	#0141 0648	9685 *0191 0699	9280 9785 *0242 0750 1259	50 51 51 50 50	1
5 6 7 8 9		1309 1820 2331 2844 3357	1360 1871 2382 2895 3409	1411 1922 2483 2946 8460	1462 1973 2485 2998 3512	1518 2024 2536 3049 8563	1564 2075 2587 8100 3615	1615 2126 2638 3152 3666	2177 2690 3203	2229 2741 3254	1769 2280 2792 3306 3821	51 51 52 51 51	
.850		9979	9001	9075	4007	4070	1100	1100	1066	1000	1607		

of Red Numbers taken from this Table are negative. Their Mantissae must be made the usual way.

ILLOGS (Antilogs). '300 - '400'

			- 5 0	1 3 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 1 0	8 8	6	7	8 0	2 .7 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8		
4	P.P.		10 1 15 1 20 2	20 2 26 2 31 3 36 3 41 4 40 4	11 1 16 1	21 2 27 2 82 8 87 3 42 4 48 4	55 5 6 11 1	17 1 22 2 28 2 88 8 80 8 44 4	6	17 1 28 5 29 9 84 4		
- 000	I		1 2 3 4 5	5 6 7 8 9	1 2 8	5 6 7 8 9	1	1 2 8 4 5 6 7 8	1	1 2 8 4 5 7 8		
	D.	51 51 52 52 52	52 53 52 53 53	53 53 53 53	54 53 54 54 54	54 55 55 55	55 55 56 56	55 56 56 56 56	56 56 56 56 57	57 57 56 57 57	58 57 58 58 58	58
	9	4337 4854 5372 5892 6412	6934 7457 7982 8507 9034	9562 *0091 0622 1153 1686	2220 2756 3292 3830 4369	4909 5451 5993 6537 7083	7629 8177 8726 9276 9828	*0381 0935 1490 2047 2605	3164 3725 4287 4850 5414	5980 6547 7116 7685 8256	8828 9402 9977 0553 1131	1710
	8	4285 4802 5320 5840 6360	6882 7405 7929 8455 8981	9509 *0038 0569 1100 1633	2167 2702 3238 3776 4315	4855 5396 5939 6483 7028	7575 8122 8071 9221 9773	*0326 0880 1435 1991 2549	3108 3669 4231 4794 5858	5928 6490 7059 7628 8199	8771 9345 9919 0496 1078	1652
gs).	7	4233 4750 5268 5788 6308	6830 7353 7877 8402 8929	9456 9985 0515 1047 1579	2113 2648 3185 3722 4261	4801 5342 5885 6429 6974	7520 8067 8616 9166 9718	*0270 0824 1379 1936 2498	3052 3013 4174 4737 5301	5867 6434 7002 7571 8142	8714 9287 9862 0438 1015	1594
ntuo	6	4182 4698 5216 5736 6256	6778 7300 7824 8349 8876	9403 9932 9462 9994 1526	2060 2595 3131 3668 4207	4747 5288 5831 6374 6919	7465 8013 8561 9111 9662	*0215 0769 1324 1880 2438	2996 3557 4118 4681 5245	5810 6377 6945 7514 8085	8657 9230 9804 0380 0957	1536
5 (A	5	4130 4647 5165 5684 6204	6725 7248 7772 8297 8823	9351 9879 0409 0940 1473	2006 2541 3077 3615 4153	4693 5234 5776 6320 6865	7411 7958 8506 9056 9607	*0160 0713 1268 1824 2382	2941 3501 4062 4625 5188	5754 6320 6888 7457 8028	8599 9172 9747 0328 0900	14 78
LUG	4	4078 4595 5113 5632 6152	6673 7196 7719 8244 8770	9298 9826 9356 9887 1420	1953 2488 3024 3561 4099	4639 5180 5722 6265 6810	7356 7903 8451 9001 9552	*0104 0658 1213 1769 2326	2885 8445 4006 4568 5132	5697 6263 6831 7400 7970	8542 9115 9689 0265 0842	1420
11	3	4027 4548 5061 5580 6100	6621 7143 7667 8192 8718	9245 9774 9308 9834 1366	1900 2434 2970 3507 4045	4585 5126 5668 6211 6755	7301 7848 8397 8946 9497	*0049 0602 1157 1713 2270	2829 3388 3950 4512 5076	5641 6207 6774 7348 7918	8485 9058 9632 0207 0784	1362
	2	3975 4492 5009 5528 6048	6569 7091 7615 8139 8665	$\begin{array}{c} 9192 \\ 9721 \\ 0250 \\ 0781 \\ 1313 \end{array}$	1846 2381 2916 3453 3991	4531 5072 5613 6157 6701	7247 7794 8342 8891 944 2	9994 0547 1102 1657 2214	2773 3332 3893 4456 5019	5584 6150 6718 7286 7856	8428 9000 9574 0150 0726	1304
	1	3924 4440 4957 5476 5996	6517 7039 7562 8087 8613	9140 9668 0197 0728 1260	1793 2327 2863 3400 3938	4477 5017 5559 6102 6646	7192 7739 8287 8836 9387	9939 0492 1046 1602 2159	2717 3276 3837 4399 4963	5527 6093 6661 7229 7799	8870 8943 9517 0092 0669	1246
	0	3872 4388 4905 5424 5944	6464 6986 7510 8034 8560	9087 9615 0144 0675 1206	1739 2274 2809 3346 3884	4423 4963 5505 6048 6592	7137 7684 8232 8781 9332	9883 0436 0991 1546 2103	2661 3220 3781 4343 4906	5471 6037 6604 7172 7742	8818 8886 9459 0035 0611	1189

·400 — ·500

No.	0	1	2	3	4	5	6	7	8	. 9	D.		P.P.
1.0.		-									-		
· 4 00	25 1189	1246	1304	1362	1420	1478				1710	58		
1	1768	1826	1884	1942	2000	2058				$\frac{2290}{2872}$	58		
2 3	2348 2930	2406 2988	2464 3046	2522 3105	2581 3163	$\frac{2639}{3221}$		2755 3338		3454	59		E7 E0
4	3513	3571	3630	3688	3746	3805				4039	58	_	57 58
1	00.10	00,1	0000	0000	0,20	0000	0000	0042				1	6 6
5	4097	4156	4214	4273	4331	4390			4566	4624	59	2 3 4	11 12 17 17
6	4683	4742	4800	4859	4918	4976		5094		5211	59	4 5	28 28 29 20
7	5270	5329	5388 5976	5447	5505 6094	5564 6153		5682 6271	5741 6330	5800 6389	59 59	6	34 85
8 9	5859 6448	5918 6507	6567	6035 6626	6685	6744		6862	6921	6980	60	6 7 8	40 41 46 46
3	0110	0001	0501	0020	0000	0,11	0000	0002	0021	,,,,,	00	9	51 52
· 4 10	7040	7099	7158	7217	7276	7336		7454	7513	7573	59		
1	7632	7691	7751	7810	7870	7929	7988	8048	8107	8167	59		
2	8226	8285	8345	8404	8464	8523	8583	8643	8702	8762 9358	59		59 60
3 4	8821 9418	8881 9478	8941 9537	9000 9597	$9060 \\ 9657$	9119 971 7	9179 9777	9239 9836	9298 9896	9956	60	,	1 6 6
*	3410	0.210	0001	0001	0001	0111	0111	0000	0000	0000	00	1 2 3	12 12
5	26 0016	0076	0136	0196	0256	0315	0375	0435	0495	0555	60	3	18 18
6	0615	0675	0735	0795	0856	0916	0976	1036	1096	1156	60	5	24 24 30 30 35 36
7	1216	1276	1336	1397	1457	1517	1577	1638	1698	1758	60	6	35 36 41 42
8 9	1818 2422	$1879 \\ 2482$	$\frac{1939}{2543}$	$\frac{1999}{2603}$	$\begin{array}{c} 2060 \\ 2664 \end{array}$	2120 2724	$\frac{2180}{2785}$	$\frac{2241}{2845}$	$\frac{2301}{2906}$	$2361 \\ 2966$	61	8	47 48
9	4144	4404	2040	2000	2004	2(24	2100	4040	2500	2000	61	9	53 54
·420	3027	3087	3148	3209	3269	3330	3390	3451	3512	3572	61		
1	3633	3694	3755	3815	3876	3937	3998	4058	4119	4180	61		
2	4241	4302	4363	4423	4484	4545	4606	4667	4728	4789	61		61 62
3	4850	4911	4972	5033	5094	5155	5216	5277	5338	5399	62	1	6 6
4	5461	5522	5583	5644	5705	5766	5828	5889	5950	6011	62	1 2 3	12 12 18 19 24 25 81 81 87 87 48 48 49 50
5	6073	6134	6195	6256	6318	6379	6440	6502	6563	6624	62	4	24 25
6	6686	6747	6809	6870	6932	6993	7055	7116	7178	7239	62	5 6	24 25 81 81 87 37
7	7301	7362	7424	7485	7547	7609	7670	7732	7793	7855	62	4 5 6 7 8	48 43
8	7917 8534	7979	8040	8102	8164	8225	8287	8349	8411	8473	61	9	49 50 55 56
9	0004	8596	8658	8720	8782	8844	8906	8968	9030	9092	61		
·430	9153	9215	9277	9339	9401	9464	9526	9588	9650	9712	62		
1	9774	9836	9898		*0023				*0271		62		63 64
2	27 0396	0458	0520	0583	0645	0707	0770	0832	0894	0957	62	-	
3	1019	1082	1144	1206	1269	1331	1394	1456	1519	1581	63	1	6 6 13 18
4	1644	1706	1769	1832	1894	1957	2019	2082	2145	2207	68	2	l 19 10 l
5	2270	2333	2396	2458	2521	2584	2647	2709	2772	2835	63	4 5	1 32 32 1
6	2898	2961	3023	3086	3149	3212	3275	3338	3401	3464	63	6	1 38 88 I
7	3527	3590	3653	3716	3779	3842	3905	3968	4031	4094	63	7 8 9	50 51
8	4157	4221	4284	4347	4410	4473	4536	4600	4663	4726	63	9	57 58
9	4789	4853	4916	4979	5043	5106	5169	5233	5296	5359	64		
.440	5423	5486	5550	5613	5677	5740	5804	5867	5931	5994			
1	6058	6121	6185		6312	6376	6439	6503	6567	6630	64		65 ·
2	6694	6758	6822	6885	6949	7013		7141	7204	7268	64	i	7
3	7332	7396	7460	7524	7588	7651	7715	7779	7843	7907	64	2	13
4	7971	8035	8099	8163	8227	8 292	8356	8420	8484	8548	64	8 4	20
5	8612	8676	8740	8805	8869	8933	9007	0000	01.00	0100		5	38
6	9254	9319	9383	9447	95 12	9576		9062 9705	$9126 \\ 9769$	9190 9834	64	7	89 46
7	9898		*0027	*0092	*0156	*0221	*0285	*0350	*0414	*0479	64	8	52
8	28 0543	0608	0673	0737	0802	0867	0931	0996	1061	1125	65	ъ	59
9	1190	1255	1320	1384	1449	1514	1579		1709	1773	65		
·450	1838	1903	1968	9020	9000	0140	0000	0000	00=0	0.155	1		
±00	7090	7909	1900	20 33	2098	216 3	222 8	2293	2358	2429	65		
160					4 7 7 7								

ILLOGS (Antilogs).

·400 - ·500

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·450	28	1838 2488	1903 2553	1968 2618	2033 2683	2098 2748	2163 2813	2228 2879	2293 2944	2358 3009	2423 3074	65 65	
2		3139	3204	3270	3335	3400	3465	3531	3596	3661	3727	65	
3		3792	3857	3923	3988	4053	4119	4184	4250	4315	4381	65	65 66
4		4446	4512	4577	4643	4708	4774	4839	4905	4971	5036	66	
5		5102	5167	5233	5299	5365	5430	5496	5562	5627	5693	66	2 13 18 3 20 20
6 7	ĺ	5759 6418	$\frac{5825}{6484}$	5891 6550	$\frac{5957}{6616}$	$\begin{array}{c} 6022 \\ 6682 \end{array}$	6088 6748	$\begin{array}{c} 6154 \\ 6814 \end{array}$	6220 6880	6286 6946	6352	66	3 20 20 4 26 26 5 33 33
8		7078	7144	7210	7276	7343	7409	7475	7541	7607	$7012 \\ 7074$	66	6 89 40
9		7740	7806	$\boldsymbol{7872}$	7939	8005	8071	8138	8204	8270	8337	66	1 7 7 2 13 18 3 20 20 20 4 26 26 5 33 88 6 39 40 7 46 46 8 52 53 9 59 59
.460		8403	8470	8536	8602	8669	8735	8802	8868	8935	9001	67	9 09 09
1		9068	9135	9201	9268	9334	9401	9468	9534	9601	9668	66	
2 3	90	$9734 \\ 0402$	$9801 \\ 0469$	9868 9536	9935 0603	*0001 0670	*0068	*0135 0804	*0202 0871			67	67 68
4	23	1072	1139	1206	1273	1340	073 7 1407	1474	1541	$0938 \\ 1608$	$\begin{array}{c} 1005 \\ 1676 \end{array}$	67	1 7 7
5		1743	1810	1877	1944	2012	2079	2146	2213	2281	2348	67	2 13 14
6		2415	2483	2550	2617	2685	2752	2820	2887	2954	3022	67	3 20 20 4 27 27 5 34 84
7]	8089	3157	3224	3292	3359	3427	3495	3562	3630	3697	68	6 40 41
8		3765 4442	$\frac{3883}{4510}$	$\frac{3900}{4578}$	3968 4646	$\frac{4036}{4713}$	$\frac{4103}{4781}$	4171 4849	4239 4917	$\frac{4307}{4985}$	4374 5053	68	7 47 48 8 54 54 9 60 61
												1	0 60 61
470		5121 5801	5189 5869	$\begin{array}{c} 5257 \\ 5937 \end{array}$	5825 6006	5393 6074	5461 6142	5529 6210	$\frac{5597}{6278}$	5665 6347	5733 6415	68 68	
1 2		6483	6551	6620	6688	6756	6825	6893	6961	7030	7098	69	69 70
8		7167	7235	7303	7372	7440	7509	7577	7646	7715	7783	69	
4	1	7852	7920	7989	8057	8126	8195	8268	8332	8401	8470	68	2 14 14
5		8538	8607	8676	8745	8813	8882	8951	9020	9089	9158	68	3 21 21 4 28 28 5 35 35
6	Ì	9226	9295	9864	9433	9502	9571	9640	9709	9778	9847	69	6 41 42
8	80	9916 0608	0677	*0054 0746	*0123 0815	0885	0954	1023	*0400 1093	1162	1231	70 70	7 48 49 8 55 50
9		1301	1370	1439	1509	1578	1648	1717	1787	1856	1926	69	9 62 63
.480	1	1995	2065	2184	2204	2278	2343	2413	2482	255 2	2622	69	
1		2691	2761	2831	2901	2970	3040	3110	3180	3249	3319	70	71 72
2		3389	3459	3529	8599	8669	3739	8809	3879	3948	4018	71	1 7 7
8 4		4089 4789	4159 4860	4229 4930	4299 5000	4369 5070	4439 5141	4509 5211	$4579 \\ 5281$	4649 53 5 1	$4719 \\ 5422$	70	1 7 7 2 14 14 8 21 22
		Ī											2 14 14 8 21 22 4 28 20 5 86 86 6 43 48 7 50 50
5 6		5492 6196	5562 6267	5633 6337	5703 6408	$\frac{5774}{6478}$	5844 6549	5914 6620	5985 6690	.6055 6761	$6126 \\ 6832$	70	0 43 48
7		6902	6978	7044	7114	7185	7256	7826		7468	7539	71	8 57 58
8		7610	7681	7751	7822	7893	7964	8035	8106	8177	8248	71	9 04 05
9		8319	8390	8461	8532	8603	8674	8745	8816	8887	8958	72	
490		9030	9101	9172	9248	9814	9386	0457	9528	9599	9671	71	73
1	6.	9742	9818	9885		*0027			*0242			72	
2	ar	$0456 \\ 1172$	$0527 \\ 1248$	0599 1315	$0670 \\ 1387$	$0742 \\ 1458$	0814 1530	0885 16 02		$\frac{1028}{1745}$	$\frac{1100}{1817}$	$\begin{bmatrix} 72 \\ 72 \end{bmatrix}$	2 15
4		1889	1961	2033	2104	2176	2248	2320		2464		72	2 15 8 22 4 29 5 37
ð		2608	2680	2752	2824	2896	2968	3040	3112	3184	3256	78	6 44
6		3829	3401	3478	3545	3617	8690	3762				72	7 51 8 58 9 66
7		4051	4123	4196	4268	4840	4413	4485	4557	4630	4702	73	9 66
8		4775	4847	4920	4992	5065	5187	5210				72	
9		5500	5578	5646	5718	5791	5864	5937	6009	6082	6155	78	
-500		6228	6301	6878	6446	6519	6592	6665	6788	6811	6884	73	

.500 - .600

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·500 1 2 3 4	31	6228 6957 7687 8420 9154	6301 7030 7761 8493 9227	6373 7103 7834 8566 9301	6446 7176 7907 8640 9374	6519 7249 7980 8713 9448	6592 7322 8053 8787 9521	6665 7395 8127 8860 9595	6738 7468 8200 8933 9669	6811 7541 8273 9007 9742	$7614 \\ 8346 \\ 9080$	73 73 74 74 74	
5 6 7 8 9	32	9890 0627 1366 2107 2849	9963 9701 1440 2181 2924	*0037 0775 1514 2255 2008	*0111 0848 1588 2329 3073	*0184 0922 1662 2404 3147	*0258 0996 1736 2478 3221	*0332 1070 1810 2552 3296	*0406 1144 1884 2626 3370	*0479 1218 1959 2791 3445	*0553 1292 2033 2775 3519	74 74 74 74 75	72 73 74 1 7 7 7 7 2 14 15 15 3 22 22 22 4 20 20 80 5 86 87 87 6 43 44 44 7 50 51 52 8 68 58 50 9 65 66 06 07
·510 1 2 3 4		3594 4340 5087 5837 6588	3668 4414 5162 5912 6663	3743 4489 5237 5987 6738	3817 4564 5312 6062 6814	3892 4638 5387 6137 6889	3966 4713 5462 6212 6964	4041 4788 5537 6287 7039	4116 4863 5612 0 362 7115	4190 4938 5687 6437 7190		75 75 75 75 76	8 58 58 59 9 05 06 07
5 6 7 8 9	33	7341 8095 8852 9610 0370	7416 8171 8927 9686 0446	7491 8246 9003 9762 0522	7567 8322 9079 9837 0598	7642 8898 9155 9913 0674	7718 8473 9230 9989 07 50	7793 8549 9306 #0065 0826	7869 8625 9382 *0141 0902	7944 8700 9458 90217 9979	8020 8776 9534 #0293 1055	76 76 76 77 78	75 76 77 1 8 8 8 2 16 16 16 3 23 23 23 4 90 80 81 5 98 88 90
·520 1 2 3 4		1131 1894 2660 8426 4195	1207 1971 2736 3503 4272	1284 2047 2813 3580 4349	1360 2124 2889 3657 4426	1436 2200 2966 3734 4503	1513 2277 3043 3811 4580	1589 2353 3119 3887 4657	1065 2430 3196 3964 4784	1742 2506 3273 4041 4811	1818 2588 3350 4118 4888	76 77 76 77 77	16
5 6 7 8 9		4965 5738 6512 7287 8065	5043 5815 6589 7365 8143	5120 5892 6667 7443 8221	5197 5970 6744 7520 8298	5274 6047 6822 7598 8876	5351 6124 6809 7676 8454	5429 6202 6977 7754 8532	5506 6279 7054 7831 8610	5583 6357 7182 7009 8688	5660 6484 7210 7987 8766	78 78 77 78 78	76 79 60
.580 1 2 3 4	34	8844 9625 0408 1193 1979	8922 9703 0487 1271 2058	9000 9782 0565 1850 2137	9078 9860 0648 1429 22 16	9156 9938 0722 1507 2295	9284 *0017 9800 1586 2878	9818 *0095 0879 1665 2452	9391 *0173 0957 1743 2531	9469 *0251 1036 1822 2610	9547 *0330 1114 1901 2689	78 78 79 78 79	1 8 8 8 16 16 16 16 16
5 6 7 8 9		2768 3558 4350 5144 5939	2847 3637 4429 5228 6019	2926 3716 4509 5308 6099	3005 3795 4588 5382 6178	8084 8875 4667 5462 6258	3163 3954 4747 5541 6338	3242 4038 4826 5621 6418	8321 4112 4905 5700 6497	8400 4191 4985 5780 6577	3479 4271 5064 5860 6657	79 79 80 79 80	0 70 71 72
.540 1 2 8 4		6737 7536 8337 9140 9945	6817 7616 8418 9221 *0026	6897 7696 8498 9301 *0106	6976 7776 8578 9382 *0187	7056 7856 8658 9462 *0268	7136 7937 8739 9543 *0848	721c 8012** 8819 9628 *0429	7296 8097 8899 9704 *0510	7376 8177 8980 9784 *0590	7450 8257 9060 9865 *0671	80 80 80 80	81 89 1 8 8 2 16 16 3 24 25 4 32 38 5 41 41
5 6 7 8 9	35	0752 1560 2371 3183 8997	0838 1641 2452 3265 4079	0913 1722 2533 3846 4160	0994 1808 2614 8427 4242	1075 1884 2696 3509 4324	1156 1965 2777 3590 4405	1237 2046 2858 3671 4487	1318 2128 2939 3758 4568	1399 2209 3021 3834 4650	1480 2290 3102 3916 4732	80 81 81 81 81	5 41 41 6 49 49 7 57 57 8 05 66 9 78 74
.550		4818	4895	4977	5059	5140	5222	5804	5386	5468	5549	82	

D.

ILLOGS (Antilogs).

No.

 $\cdot 500 - \cdot 600$

P.P.

!						·············							_			
50 1 2 3 4	35	4813 5631 6451 7273 8096	4895 5713 6533 7355 8179	4977 5795 6615 7437 8261	5059 5877 6697 7520 8344	5140 5959 6780 7602 8426	5222 6041 6862 7684 8509	5304 6123 6944 7767 8592	5386 6205 7026 7849 8674	5468 6287 7108 7932 8757	5549 6369 7191 8014 8839	82 82 82 82 83				
5 6 7 8 9	36	8922 9749 0579 1410 2243	9005 9832 0662 1493 2326	908 7 9915 0745 1576 2410	9170 9998 0828 1660 2493	9253 *0081 0911 1743 2577	9335 *0164 0994 1826 2660	9418 *0247 1077 1910 2744	9501 *0330 1160 1993 2827	9584 *0413 1243 2076 2911	9667 *0496 1327 2160 2994	82 83 83 83 84	1 2 3 4	81 16 24 32	82 10 25 38	83 8 17 25 33
560 1 2 3 4		3078 3915 4754 5595 6438	3162 3999 4838 5679 6522	3245 4083 4922 5763 6606	3329 4167 5006 5847 6691	3413 4250 5090 5932 6775	3496 4334 5174 6016 6860	3580 4418 5258 6100 6944	3664 4502 5342 6185 7029	3747 4586 5426 6269 7113	3831 4670 5511 6353 7198	84 84 84 85 84	5 6 7 8 9	41 49 57 65 78	41 49 57 60 74	42 50 58 60 75
5 6 7 8 9	37	7282 8129 8978 9828 9681	7367 8214 9063 9913 0766	7451 8299 9148 9999 0851	7536 8383 9233 *0084 0937	7621 8468 9318 *0169 1022	7705 8553 9403 *0254 1108	7790 8638 9488 *0339 1193	7875 8723 9573 *0425 1279	7959 8808 9658 *0510 1364	8044 8893 9743 *0595 1450	85 85 86 86	1 2 3	84 8 17 25	85 9 17	86 9 17 26
570 1 2 3 4		1535 2392 3250 4111 4978	1621 2477 3336 4197 5059	1706 2563 3422 4283 5146	1792 2649 3508 4369 5232	1878 2735 3594 4455 5319	1963 2821 8680 4542 5405	2049 2907 3766 4628 5491	2135 2992 3852 4714 5578	2220 3078 3938 4800 5664	2306 3164 4024 4887 5751	86 86 87 86 86	5 6 7 8 9	34 42 50 59 67 76	26 34 43 51 60 68 77	34 43 52 60 69 77
5 6 7 8 9		5837 6704 7572 8443 9315	5924 6791 7659 8530 9402	6011 6877 7746 8617 9490	6097 6964 7833 8704 9577	6184 7051 7920 8791 9665	6270 7138 8007 8870 9752	0357 7225 8094 8966 9839	6444 7311 8181 9058 9927	6530 7398 8268 9140 *0014	0617 7485 8355 9228 *0102	87 87 88 87 87	1 2	87	88 0 18	89 9
580 1 2 3 4	88	0189 1066 1944 2825 3707	0277 1154 2032 2913 3796	0365 1241 2120 3001 3884	0452 1329 2208 8089 3972	0540 1417 2296 3178 4061	0627 1505 2384 3266 4149	0715 1593 2472 3354 4238	0808 1681 2560 3442 4326	0890 1768 2648 8531 4415	0978 1856 2737 3619 4503	88 88 88 89	1 2 3 4 5 6 7 8 9	17 20 35 44 52 61 70 78	18 20 35 44 53 62 70	18 27 30 45 58 62 71 80
5 6 7 8 9		4592 5478 6367 7258 8150	4680 5567 6450 7347 8240	4769 5656 6545 7436 8829	4858 5745 6634 7525 8419	4946 5834 6723 7614 8508	5035 5922 6812 7704 8597	5128 6011 6901 7793 8687	5212 6100 6990 7882 8776	5301 6189 7079 7972 8866	5390 6278 7168 8061 8956	88 89 90 89	 1	90	91	92
590 1 2 3 4	39	9045 9942 0841 1742 2645	9135 *0032 0931 1832 2785	9224 *0122 1021 1922 2826	9314 *0211 1111 2018 2916	9404 *0301 1201 2103 8007	9493 *0391 1291 2193 3097	9583 *0481 1381 2283 3188	9673 *0571 1471 2374 3278	9762 *0661 1562 2464 3369	9852 *0751 1652 2555 3459	90 90 90 90 91	28456789	18 27 86 45 54 68 72 81	9 18 27 36 46 55 64 78 82	9 18 28 37 46 55 64 74 88
5 6 7 8 9		3550 4457 5367 6278 7192	3641 4548 5458 6869 7288	8781 4689 5549 6461 7875	3822 4780 5640 6552 7466	3918 4821 5731 6643 7558	4003 4912 5822 6735 7649	4094 5008 5918 6826 7741	4185 5094 6004 6917 7832	4276 5185 6096 7009 7924	4866 5276 6187 7100 8016	91 91 91 92 91		, 01	G.A.	90
6		8 7	819	82	3 2	8	8566	8 8	49	8 4	33	9				

·600 — ·700

No.		0	1	2	3	4	5	6	7	8	9	D.		P.P.	
·600 1 2 3 4		8107 9025 9945 0867 1791	8199 9117 *0037 0959 1883	8291 9209 *0129 1051 1976	8382 9301 *0221 1144 2068	8474 9393 *0313 1236 2161	8566 9485 *0405 1328 2254	8658 9577 *0498 1421 2346	9669 *0590 1513	9761 *0682 1606	8933 9853 *0774 1698 2624	92 92 93 93 93		1 92	93
5 6 7 8 9		2717 3645 4576 5509 6443	2810 3738 4669 5602 6537	2903 3831 4762 5695 6631	2995 3924 4855 5789 6724	3088 4017 4949 5882 6818	3181 4110 5042 5976 6912	3274 4203 5135 6069 7005			3552 4483 5415 6350 7286	93 93 94 93 94	2 1 3 2 4 3 5 4 6 5	9 9 8 18 7 28 6 37 6 46 5 55 4 64 3 74 2 83	9 19 28 37 47 56 65 74 84
·610 1 2 3 4	41	7380 8319 9261 0204 1150	7474 8413 9355 0299 1244	7568 8507 9449 0393 1339	7662 8602 9543 0488 1434	7756 8696 9638 0582 1529	7850 8790 9732 0677 1623	7943 8884 9826 0771 1718	8978	*0015 0960	8225 9166 *0110 1055 2003	94 95 94 95 95	1 2 1	4 95 9 10 9 .19	96 10 19
5 6 7 8 9		2098 3048 4000 4954 5911	2192 3143 4095 5050 6006	2287 3238 4190 5145 6102	2382 3333 4286 5241 6198	2477 3428 4381 5336 6294	2572 3523 4477 5432 6390	2667 3619 4572 5528 6486	4668 5623 6582	3809 4763 5719 6677	2952 3904 4859 5815 6778	96 96 95 96 96	5 4 6 5 7 6 8 7	8 29 8 38 7 48 6 57 6 67 5 76 5 80	29 38 48 58 67 77 86
·620 1 2 3 4	42	6869 7830 8794 9759 0727	6965 7927 8890 9856 0824	0920	7157 8119 9083 *0049 1017	1114	1211	1308	7542 8504 9469 *0436 1405	1502	1599	96 97 97 97 98	9 1 1 1 2 1 3 2 4 3		99 10 20 80
5 6 7 8 9		1697 2669 3643 4620 5598	1794 2766 3741 4717 5696	1891 2863 3838 4815 5794	1988 2961 3936 4913 5893	2085 3058 4033 5011 5991	2182 3156 4131 5109 6089	2280 3253 4229 5207 6187	2377 3350 4326 5305 6285	2474 3448 4424 5402 6383	2571 3545 4522 5500 6481	98 98 98 98 99	1 1 1 2 3 4 3 4 5 6 5 7 8 9 8	9 49 8 59 8 69 8 78	40 50 59 60 79 89
·630 1 2 3 4	43	6580 7563 8549 9536 0527	6678 7661 8647 9635 0626	6776 7760 8746 9734 0725	6874 7858 8845 9833 0824	6973 795 7 8943 9932 0923	7071 8055 9042 *0031 1023	7169 8154 9141 *0130 1122	7268 8253 9240 *0229 1221	7366 8351 9339 *0328 1320	7464 8450 9438 *0427 1420	99 99 98 100 99	10 1 1 2 2 8 3	0 101 0 10 0 20	1.0 20
5 6 7 8 9		1519 2514 3511 4510 5512	1618 2613 3611 4610 5612	1718 2713 3711 4710 5712	1817 2813 3810 4810 5813	1917 2912 3910 4911 5913	2016 3012 4010 5011 6014	2116 3112 4110 5111 6114	2215 3212 4210 5211 6214	2315 3311 4310 5311 6315	2414 3411 4410 5412 6415	100 100 100 100 101	8 3 4 4 5 5 6 6 7 7 8 8 9 9	0 40 0 51 0 61 0 71 0 81	31 41 51 61 71 82 92
	44	6516 7522 8531 9542 0555	6616 7623 8632 9643 0656	0758	6817 7824 8834 9845 0859	6918 7925 8935 9947 0961	7019 8026 9036 *0048 1062	7119 8127 9137 *0149 1164	7220 8228 9238 *0251 1266	7321 8329 9339 *0352 1367	7421 8430 9440 *0453 1469	101 101 102 102 101	1 2 3 4 5	103 10 21 81 41 52	L L
5 6 7 8 9		1570 2588 3609 4631 5656	1672 2690 3711 4734 5759	1774 2792 3813 4836 5862	1876 2894 3915 4939 5964	1977 2996 4017 5041 6067	2079 3098 4120 5143 6170	2181 3200 4222 5246 6272	2283 3302 4324 5349 6375	2385 3404 4427 5451 6478	2486 3507 4529 5554 6581	102 102 102 102 103	6 7 8 9	82 93	
·650		6684	6 786	6889	6992	7095	7198	7301	7404	7507	7610	103			

	1											T	
No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·650 1 2 3 4		6684 7718 8745 9780 0817	6786 7816 8849 9883 0921	6889 7920 8952 9987 1024	6992 8023 9055 *0091 1128	8126 9159 *0194	7198 8229 9262 *0298 1336	8332 9366 *0402	7404 8436 9469 *0505 1544	8539 9573 *0609	7610 8642 9676 *0713 1752	103 103 104 104 104	102 103 104
5 6 7 8 9		1856 2898 3942 4988 6037	1960 3002 4046 5093 6142	2064 3106 4151 5198 6247	2168 3211 4255 5302 6352	3315 4360 5407	2376 3419 4465 5512 6562	5617	2585 3628 4674 5722 6773	3733 4779 5827	2793 3837 4883 5932 6983	105 105 105 105 105	2 20 20 21 3 31 31 31 4 11 41 42 5 51 52 52 0 01 62 62 7 71 72 73 8 82 82 83 9 92 93 94
·660 1 2 3 4	46	7088 8142 9198 0257 1318	7193 8247 9304 0363 1424	7299 8353 9410 0469 1530	7404 8458 9515 0575 1636	8504 9621 0681 1743	7615 8670 9727 0787 1849	7720 8775 9833 0893 1955	0999 2062	8987 *0045 1105 2168	121 l 2275	106 106 106 107 106	105 106 107 1 11 11 11
5 7 8 9		2881 3447 4515 5586 6659	2488 3554 4622 5693 6767	2594 3660 4729 5801 6874	2701 3767 4836 5908 6982	$3874 \\ 4943 \\ 6015$	2914 3981 5050 6122 7197		3127 4195 5265 6337 7412	$5372 \\ 6445$	3340 4408 5479 6552 7627	107 107 107 107 108	21 21 21 21 3 82 82 82 4 42 42 43 54 6 08 64 64 7 74 74 75 8 84 85 86 9 95 96
·670 1 2 3 4	47	7735 8813 9894 0977 2063	7848 8921 *0002 1086 2172	7951 9029 *0111 1194 2280	8058 9137 *0219 1303 2389	9245	8274 9353 *0435 1520 2607	9462	8490 9570 *0652 1737 2825	8598 9678 *0760 1846 2933	8705 9786 *0869 1954 3042	108 108 108 109 109	108 109 110 1 11 11 11 2 22 22 22 3 82 83 33
5 6 7 8 9		3151 424 2 5335 6431 7529	3260 4351 5445 6541 7639	3369 4460 5554 6650 7749	3478 4570 5664 6760 7859	3587 4679 5773 6870 7969	3696 4788 5883 6980 8079	3805 4898 5992 7090 8189	3915 5007 6102 7200 8300	4024 5116 6212 7309 8410	4133 5226 6321 7419 8520	109 109 110 110 110	4 43 44 44 5 4 55 55 6 05 66 66 7 76 76 77 8 86 87 88 9 07 98 90
·680 1 2 3 4	48	8630 9733 0839 1948 3059	8740 9844 9950 2059 3170	8851 9954 1061 2170 3281	8961 *0065 1172 2281 3393	9071 *0176 1282 2392 3504	9181 *0286 1393 2503 3615	9292 *0397 1504 2614 3727	9402 *0507 1615 2725 3838	9513 *0618 1726 2836 3949	9628 *0729 1837 2948 4061	110 110 111 111 111	111 112 113 1 11 11 11 2 22 22 23 3 33 84 84 4 44 45 45
5 6 7 8 9		4172 5289 6407 7528 8652	4284 5400 6519 7641 8765	4895 5512 6631 7753 8877	4507 5624 6748 7865 8990	4619 5786 6855 7978 9103	4730 5848 6968 8090 9215	4842 5959 7080 8203 9328	4953 6071 7192 8815 9441	5065 6188 7304 8427 9553	5177 6295 7416 8540 9666	112 112 112 112 113	8 33 84 84 4 44 45 45 5 50 50 57 6 67 67 68 7 78 78 79 8 80 90 90 9 100 101 102
·690 1 2 3 4	49	9779 0908 2040 3174 4311	9892 1021 2153 3287 4425	*0004 1134 2266 3401 4538	*0117 1247 2380 3515 4652	*0230 1360 2493 3028 4766	*0343 1478 2606 8742 4880	*0456 1587 2720 8856 4994	*0569 1700 2833 3969 5108	*0682 1813 2947 4083 5222	*0795 1926 3060 4197 5336	113 114 114 114 114	114 115 116 1 11 12 12 2 28 23 28 3 84 85 35 4 46 46 46 5 57 58 58
5 6 7 8 9	50	5450 6592 7737 8884 0035	5564 6707 7852 8999 0150	5678 6821 7966 9114 0265	5793 6935 8081 9229 0380	5907 7050 8196 9844 0495	6021 7164 8310 9459 0611	6135 7279 8425 9574 0726	6249 7398 8540 9689 0841	6864 7508 8655 9804 0956	6478 762 2 8770 9919 1072	114 115 114 116 115	3 84 85 35 4 40 46 46 5 57 58 58 6 68 60 70 7 80 81 81 8 91 92 93 9 103 104 104
.700		1187		1418	1534		1765	1880	1996	2111	2227	116	

Illogs of Red Numbers taken from this Table are negative. Their Mantissac must be made positive in the usual way.

·700 — ·800

ILLOGS (Antilogs).

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·700 1 2 3	50	1187 2343 3501 4661	2458 3617 4778	2574 3733 4894	2690 3849 5010	2805 3965 5126	1765 2921 4081 5243 6407	$\frac{3037}{4197}$	3153 4313 5475	$\begin{array}{r} 3269 \\ 4429 \\ 5592 \end{array}$	3385 4545 5708	116 116 116 117	115 116 117 1 12 12 12 2 23 23 23 3 85 35 85
5 6 7 8	51	5825 6991 8159 9331 0505 1682	7107 8276 9448 0623	7224 8394 9565 0740	7341 8511 9683 0858	7458 8628 9800 0975	7575 8745	7692 8862 *0035	7809 8979	7925 9096 *0270	8042 9214 *0387 1564	117 117 118 118 118	8 85 36 85 4 46 46 47 5 58 58 60 6 69 70 70 70 7 81 81 82 8 92 98 94 0 104 104 106
·710 1 2 3 4		2861 4044 5229 6416 7607	2979 4162 5847 6535 7726	$\frac{4280}{5466}$	1399 5585	3334 4517 5703 6892 8084	3452 4636 5822 7011 8203	3570 4754 5941 7130 8322	3689 4873 6060 7249 8442	4991 6179 7369	3925 5110 6297 7488 8681	119 119 119 119 119	118 119 120 1 12 12 12 24 24 24 24 8 85 86 86 4 47 48 48 5 50 60 60 6 71 71 72 7 83 88 88
5 6 7 8 9	52	8800 9996 1195 2396 3600	8920 *0116 1815 2516 3721	*0236	*0355 1555 2757	9278 *0475 1675 2878 4083	9398 *0595 1795 2998 4204	9517 *0715 1915 3118 4324	9637 *0835 2035 3239 4445	9757 *0955 2156 3359 4566	9876 *1075 2276 3480 4687	120 120 120 120 120	8 94 95 96 96 100 107 108
·720 1 2 3 4		4807 6017 7230 8445 9668	4928 6138 7351 8507 9785	5049 6260 74 7 3 8689 990 7	5170 6381 7594 8810 *0029	5291 6502 7716 8932 *0152	5412 6623 7837 9054 #0274	5533 6744 7959 9176 *03 96	5654 6866 8080 9298 *0518	5775 0987 8202 9420 *0040	5896 7108 8324 9541 *0762	121 122 121 122 122	2 2 24 24 25 8 3 86 87 87 4 48 49 49 5 61 61 62 6 73 78 74 7 85 85 86 8 97 98 98 9 160 110 111
5 6 7 8 9	53	0884 2108 3835 4564 5797	1007 2231 8458 4687 5920	1129 2358 3581 4811 6048	1251 2476 3703 4934 6167	1874 2599 3826 5057 6290	1496 2721 3949 5180 6414	1618 2844 4072 5303 6537	1741 2967 4195 5427 6661	1868 3089 4318 5550 6785	1986 8212 4441 5673 6908	122 123 123 124 124	124 125 126 1; 12 18 18 2; 25 25 25 3; 37 88 88 4 50 50 50
·730 1 2 3 4	54	7032 8270 9511 0754 2001	7155 8394 9635 0879 2126	7279 8518 9759 1003 2251	7408 8642 9883 1128 2375	7527 8766 **0008 1253 2500	7650 8890 *0132 1377 2625	7774 9014 *0256 1502 2750	7808 9138 *0381 1627 2875	8022 9262 *0505 1751 8000	8146 9386 *0630 1876 3125	124 125 124 125 125	6 62 63 68 6 74 75 76 7 87 88 88 8 99 100 101 9 112 113 113
5 6 7 8 9		\$250 4508 5758 7016 8277	3375 4628 5884 7142 8403	8501 4753 6009 7208 8580	3626 4879 6135 7394 8656	8751 5004 6261 7520 8782	3876 5130 6387 7646 8909	4001 5255 6512 7772 9035	4127 5381 6038 7898 9161	4252 5507 6764 8025 9288	4877 5682 6890 8151 9414	126 126 126 126 126	127 128 129 1 18 18 18 126 26 26 26 13 38 38 39 4 51 51 52 5 64 64 64 65 77 77 7 80 90 90
·740 1 2 8 4		9541 0808 2077 8350 4626	9667 0935 2205 3478 4758	9794 1061 2382 3605 4881	9921 1188 2459 8732 5009	*0047 1315 2586 3860 5137	*0174 1442 2718 8988 5265	*0301 1509 2841 4115 5392	*0427 1696 2968 4243 5520	*0554 1823 8095 4370 5648	*0681 1950 3223 4498 5776	127 127 127 128 128	7 80 90 90 8 102 102 103 9 114 115 116
5 6 7 8 9		5904 7186 8470 9758 1048	6082 7314 8509 9887 1177		6288 7571 8856 #0144 1486	6416 7699 8985 *0273 1565	6545 7828 9114 *0402 1694	6673 7956 9242 *0581 1824	6801 8085 9371 *0661 1953	6929 8213 9500 *0790 2082	7057 8342 9629 *0919 2212	129 128 129 129 129	1 18 2 36 8 39 4 62 5 65 6 78 7 91 8 104
·750		2841	2471	2600	2780	2859	2989	8119	3248	8878	2508	130	9 117

					II	LLO	GS (Anti	logs)	•		•	700	- 800
No.		0	1	2	3	4	5	6	7	8	9	D.		P.P.
·750 1 2 3 4	56	2341 3638 4937 6239 7545	2471 3767 5067 6370 7675	2600 3897 5197 6500 7806	2730 4027 5327 6631 7937	2859 4157 5458 6761 8068	2989 4287 5588 6892 8198	3119 4417 5718 7022 8329	3248 4547 5848 7153 8460	3378 4677 5979 7283 8591	3508 4807 6109 7414 8722	130 130 130 131 131	1 2 3 4	129 130 131 13 13 13 26 26 26 30 30 30 52 52 52 65 66 66
5 6 7 8 9	57	8853 0164 1479 2796 4116	8984 0296 1610 2928 4249	9115 0427 1742 3060 4381	9246 0558 1874 3192 4513	9377 0690 2005 3324 4645	9508 0821 2137 3456 4778	9639 0953 2269 3588 4910	9771 1084 2400 3720 5043	9902 1216 2532 3852 5175	*0033 1347 2664 3984 5307	131 132 132 132 133	9 1	65 05 06 77 78 70 90 91 02 103 104 105 110 117 118
·760 1 2 3 4	58	5440 6766 8096 9429 0764	5572 6899 8229 9562 0898	5705 7032 8362 9696 1032	5838 7165 8496 9829 1166	5970 7298 8629 9963 1800	6103 7431 8762 *0096 1433	6235 7564 8895 *0230 1567	6368 7697 9029 *0363 1701	6501 7830 9162 *0497 1835	6634 7963 9295 *0631 1969	132 133 134 133 134	1 2 3 4 5 6 7	18 18 18 20 27 27 40 40 40 53 58 54 60 67 67 70 80 80 92 98 94
5 6 7 8 9		2103 3445 4790 6138 7489	2237 3579 4925 6273 7625	2371 3714 5059 6408 7760	2505 3848 5194 6543 7895	2640 3983 5329 66 7 8 8031	2774 4117 5464 6813 8166	2908 4252 5599 6949 8302	3042 4386 5733 7084 8437	3176 4521 5868 7210 8573	3311 4655 6003 7354 8708	134 135 135 135 136	8 1	100 100 107 110 120 121 185 136 137 14 14 14
·770 1 2 3 4	59	8844 0201 1562 2925 4292	8979 0337 1698 3062 4429	9115 0473 1834 3198 4566	9251 9609 1970 8385 4703	9386 9745 2197 3472 4840	9522 0881 2243 3608 4977	9658 1017 2379 3745 5114	9794 1153 2516 3882 5251	9929 1289 2652 4019 5388	*0065 1425 2789 4155 5525	136 137 136 137 137	8 1	27 27 27 41 41 41 54 54 55 68 68 60 81 82 82 95 95 96 108 109 110 122 122 123
5 6 7 8 9	60	5662 7035 8412 9791 1174	5799 7173 8549 9929 1812	5937 7310 8687 *0067 1451	6074 7448 8825 *0206 1589	6211 7585 8963 *0344 1728	6348 7728 9101 *0482 1866	0486 7861 9239 *0620 2005	6623 7998 9377 *0759 2143	6760 8136 9515 *0897 22 82	6898 8274 9653 *1035 2421	137 138 138 139 139	1 2 3 4	138 139 140 14 14 14 28 28 28 41 42 42 55 56 66
·780 1 2 8 4		2560 3949 5341 6736 8135	2698 4088 5480 6876 8275	2837 4227 5620 7010 8415		3115 4505 5899 7295 8695	3254 4644 6088 7485 8836	3393 4784 6178 7575 8976	3532 4923 6317 7715 9116	3671 5062 6457 7855 9256	3810 5202 6597 7995 9397	139 139 139 140 140	5 6 7	69 70 70 83 88 84 97 97 98 110 111 112 124 125 126
5 6 7 8 9	61	9537 9942 2359 3762 5177	9677 1083 2491 3903 5819	9818 1228 2632 4045 5460	9958 1364 2774 4186 5602	*0099 1505 2915 4328 5744	*0239 1646 3056 4469 5886	*0380 1787 3197 4611 6027	*0520 1928 3338 4752 6169	*0681 2068 3479 4894 6311	*0801 2209 3621 5035 6453	141 141 141 142 142	1 2 3 4 5 6	141 142 148 14 14 14 28 28 20 42 48 43 56 57 57 71 71 72 85 85 86 90 90 100
·790 1 2 3 4	62	6595 8016 9441 0869 2800	6787 8159 9584 1012 2444	6879 8301 9726 1155 2587	7021 8443 9869 1298 2730	*0012	7305 8728 *0155 1584 3017	7447 8871 *0297 1727 3161	1871	7732 9156 *0583 2014 8448	7874 9298 *0726 2157 3591	142 148 148 143 144	8 1	113 114 111 127 128 120 144 145 146
5 6 7 8 9		3735 5173 6614 8058 9506	3878 5317 6758 8203 9651	4022 5461 6902 8348 9796	4166 5605 7047 8492 9941	4310 5749 7191 8637 *0086	4453 5893 7336 8782 *0231	4597 6037 7480 8927 *0376	4741 6181 7625 9071 *0522	4885 6325 7769 9216 *0667	5029 6470 7914 9861 *0812	144 144 144 145 145	8 1	14 15 15 29 29 20 43 44 44 58 58 58 72 78 78 86 87 88 101 102 102 115 116 117
·800	63	0957	1103	1248	1393	1539	1684	1830	1975	2121	2266	146	9 1 3	180 181 181

Illogs of Red Numbers taken from this Table are negative. Their Mantissae must be made positive in the usual way.

.800 - .900

ILLOGS (Antilogs).

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
-800 1 2 3 4	63	3 0957 2412 3870 5331 6796	2557 4016 5477	$\frac{4162}{5624}$	2849 4308	$\frac{2995}{4454}$	1684 3140 4600 6063 7529	4746 6209	3432 4892 6356	3578 5038 6502	$3724 \\ 5185$		
5 6 7 8 9	64	8263 9735 1210 2688 4169	8410 9882 1357 2836	8557 *0030 1505 2984	8705	8852	8999	9146 *0619 2096 3576	9293 *0767 2244 3724	3 9440 **0914 2392 3873	9588	147 148 148 148 148	4 58 58 59 59
·810 1 2 3 4	65	5654 7143 8634 0130 1628	7292 8784 0279	7441 8933 0429	6100 7590 9083 0579 2079	6249 7739 9232 0729 2229	6398 7888 9382 0879 2379		6696 8187 9681 1178 2680	8336 9830 1328	6994 8485 9980 1478 2980	149 149 150 150 151	149 150 151 152 1 15 15 15 15 2 30 30 30 30
5 6 7 8 9		3131 4636 6145 7658 9174	6296 7809	3431 4938 6448 7961 9478	3582 5089 6599 8112 9629	3732 5239 6750 8264 9781	8415		5692 7204 8719		4485 5994 7506 9022 *0541	151 151 152 152 152	3 45 45 45 46 4 60 00 60 61 5 75 75 76 76 6 89 90 91 91 7 104 105 106 106 8 119 120 121 122 9 134 135 136 137
·820 1 2 3 4	66	0693 2217 3743 5273 6807	0846 2369 3896 5426 6960	0998 2522 4049 5580 7114	1150 2674 4202 5733 7268	1302 2827 4355 5886 7421	1455 2979 4508 6040 7575	1607 3132 4661 6193 7729	1759 3285 4814 6346 7882	3437 4967 6500	2064 3590 5120 6653 8190	153 153 153 154 154	153 154 155 156 1 15 15 16 16 2 31 31 31 31 3 46 46 47 47
5 6 7 8 9	67		*0039	8652 *0193 * 1738 3287 4839				2357 3907		*1120	9730 *1274 2822 4373 5927	155 155 155 155 156	4 61 62 62 62 62 5 77 77 78 78 6 92 92 93 94 7 107 108 109 109 8 122 123 124 125 9 138 189 140 140
·830 1 2 3 4	68	6083 7642 9204 0769 2339	6239 7798 9360 0926 2496		6550 8110 9673 1240 2810	6706 8266 9829 1397 2967	8422 9986	8578 *0143 1711		7330 8891 *0456; 2025 3597	7485 9047 *0613 2182 3754	157 157 156 157 158	157 158 159 160 1 16 16 16 16 2 31 32 92 32 3 47 47 48 48
5 6 7 8 9	69	3912 5488 7068 8652 0240	4069 5646 7227 8811 0399	7385 8970	9128	4542 6120 7702 9287 0876	4699 6278 7860 9446 1035	4857 6436 8018 9604 1194	5015 6594 8177 9763 1353	5173 6752 8335 9922* 1512	5330 6910 8494 *0081 1672	158 158 158 159 159	4 68 63 64 64 64 65 79 79 80 80 80 80 80 80 80 80 80 80 80 80 80
·840 1 2 3 4		3426 5024 6627	3585 5184 6787		3905 5505 7 108	5665 7 2 68	7429	5985	6145 7750	6306 7911		160 160 161 160 161	161 162 163 164 1 16 16 16 16 2 82 82 88 83 8 48 49 49 40 4 64 65 65 66
5 6 7 8 9	70	1455 3072 4693	1617 3234 4855	f0164 * 1778 3396 5018 6643	1940 3558 5180	2102 3720 5342	$\frac{3882}{5505}$	2425 4044 5667	2587 4206 5830	$\frac{2749}{4369}$	2910 4531 6155	161 162 162 163 163	5 81 81 82 82 6 97 97 98 98 7 7 113 113 114 115 8 129 130 130 131 9 145 146 147 148
·850		7946	8109	8272	8435	8598	8761	8925	9088	9251	9414	164	

ILLOGS	(Antilogs).
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·800 — ·900

	0	1	2	3	4	5	6	7	8	9	D.	P.P.
	7946 9578 1214 2853 4496	8109 9741 1377 3017 4661		8435 *0068 * 1705 3346 4990	8598 *0232 1869 3510 5155	8761 *0395 2033 3674 5319	8925 *0559 2197 3839 5484		9251 *0886 2525 4167 5814		164 164 164 164 164	163 164 165 166 1 16 16 17 17 2 38 33 33 33 3 49 49 50 50
2	6143 7794 9449 1107 2770	6308 7960 9615 1274 2936	6473 8125 9780 1440 3103	6638 8290 9946 1606 3269	6803 8456	6968 8621 *0278 1938 3602	7133 8787	7299 8952	7464 9118	7629 9283	165 166 166 167 167	4 65 66 66 66 66 6 82 82 82 83 83 60 98 98 90 100 7 114 115 116 116 8 130 131 132 133 9 147 148 140 140
3	4436 6106 7780 9458 1139	4603 6273 7947 9625 1307	4770 6440 8115 9794 1476	4937 6608 8283 9962	5103 6775 8450 *0130 1813	*0298		5605 7277 8954 *0634 2318	*0802	5939 7612 9290 *0971 2656	167 168 168 168 169	167 168 169 170 1 17 17 17 17 17 2 38 34 34 34 3 50 50 51 51 4 07 07 08 08 5 84 84 85 85 6 100 101 101 102 7 117 118 118 119
	2825 4514 6207 7904 9605	2998 4683 6377 8074 9776	3162 4852 6546 8244 9946	3331 5021 6716 8414 *0116	3500 5191 6885 8584 *0287		3838 5529 7225 8924 *0628	5699 7395	4176 5868 7564 9265 *0969	$\begin{array}{c} 7734 \\ 9435 \end{array}$	169 169 170 170 170	134 134 135 136 9 150 151 152 163 171 172 173 174 1 17 17 17 17
4	1310 3019 4732 6449 8170	$\begin{array}{c} 1481 \\ 3190 \\ 4903 \\ 6621 \\ 8342 \end{array}$	1652 3361 5075 6793 8514	1822 3533 5247 6965 8686	1998 3704 5418 7137 8859	2164 3875 5590 7309 9031	2335 4046 5762 7481 9204	$\frac{5933}{7653}$	2677 4389 6105 7825 9549	7997	171 171 172 173 172	2 34 34 35 35 3 51 52 52 62 4 08 00 09 70 5 86 80 87 87 6 108 103 104 104 7 120 120 121 122 8 137 138 138 139 9 164 165 167 167
'5	9894 5 1623 3356 5092 6833	*0007 1796 3529 5266 7007	*0240 1969 3703 5440 7182	*0412 2142 3876 5614 7356	*0585 2315 4050 5788 7530	*0758 2489 4223 5962 7705	*0931 2662 4397 6136 7879	$\frac{4571}{6310}$	3009 4745 6484	$\frac{3182}{4918}$ 6659	173 174 174 174 175	175 176 177 1 18 18 18 2 85 35 36 3 58 68 53
6	8578 0326 2079 3836 5597	$\begin{array}{c} 8752 \\ 0501 \\ 2255 \\ 4012 \\ 5778 \end{array}$	8927 0677 2430 4188 5949	$\begin{array}{c} 9102 \\ 0852 \\ 2606 \\ 4364 \\ 6126 \end{array}$	9277 1027 2781 4540 6302	9451 1202 2957 4716 6479	9626 1377 3133 4892 6655	1553 3308 5 0 68	1728 3484 5244	$\frac{3660}{5420}$	175 175 176 177 178	4 70 70 71 5 88 88 80 6 105 106 106 7 123 123 124 8 140 141 142 9 158 158 150
	7861 9130 0903 2681 4462	7588 9308 1081 2859 4640	7715 9485 1259 8036 4819	7892 9662 1436 3215 4997	8009 9839 1614 3393 5175			*0371 2147 3927	*0549 2825	*0726 2508 4288	177 177 178 179 179	178 179 180 1 18 18 18 2 36 36 36 3 53 54 54 4 71 72 72 5 89 90 00 6 107 107 108
78		#0010	*0189	8574 *0369 2168	6962 8753 *0549 2348 41 52	7141 8933 *0728 2528 4332	9112 *0908 2708	9292 *1088 2889	9471 *1268 3069	9051 *1448 3249	180 179 180 181 181	7 125 125 126 8 142 148 144 9 160 161 162
79	5236 7046 8860 0679 2501	5416 7227 9042 0861 2684	7408 9223 1043	7590 9405 1225	5959 7771 9587 1407 3232	6140 7952 9769 1589 3414	$8134 \\ 9951 \\ 1772$	8315 *0183 1954	8497 *0315 2136	*0497 2319	181 182 182 182 183	1 18 18 18 2 36 36 37 3 54 55 55 4 72 73 73 5 91 91 92 6 109 109 110 7 127 127 128 8 145 146 146
	4328	4511	4694	4877	5060	5243	5426	5610	5798	5976	183	0 1 TOO TON TOO

.900 - .000

ILLOGS (Antilogs).

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·900 1 2 3 4		9834 1678	6348 8178 *0018	3 6526 8 8362	6710 8540 *0387	6893 8730 *0571		6 7 26 4 909 6*094	0.744 ± 0.28	4 7627 2 9466 4*1309	7 7811 3 9650 3*1493	184	183 184 185 186 1 18 18 10 10 2 37 37 87 37 3 55 55 50 56 4 73 74 74
5 6 7 8 9	81	3526 5378 7235 9096 0961	5564 7421 9282	5749 7607 9469	5935 7793 9655	6121 7979 9841	4455 6306 8166 *0028 1896	3 649: 5 835. 5*021-	2 6678 1 8533 4*040	8 6861 7 8721 1 *0588	3 7049 3 8910 3 #0774	185 186 186 187 188	7 128 120 180 180 8 140 147 148 149 9 165 166 167 167
·910 1 2 3 4	82	2831 4704 6582 8465 0352	4892 6770 8653	5080 6959 8842	3392 5267 7147 9030 0918	5455 7335 9 21 9	3764 5643 7523 9408 1297	3 5833 3 77 13 3 9596	1 6018 1 7900 3 9783	8 6200 9 8088 5 9974	6 6394 8 8276 1*0163	187 188 189 189 190	1 1 1 10 10 10 10 1
5 6 7 8 9		2243 4138 6038 7942 9851	4328 6228 8133	$\frac{4518}{6418}$	2811 4708 6609 8514 *0424	$6799 \\ 8705$	3190 5087 6990 8890 *0807	5277 7180 9087	7 5468 7370 7378	8 5658 7561	5848 7752 9660	190 190 190 191 192	8 150 150 151 152 0 168 169 170 171
·920 1 2 3 4	83	1764 3681 5603 7529 9460	1955 3878 5795 7722 9653	$\frac{5988}{7915}$	2339 4257 6180 8108 *0040	2530 4449 6378 8301 *0234	2722 4642 6566 8494 *0427	4834 6758 8687	5026 6951 8880	5218 7144	$\frac{5411}{7336}$	192 192 193 193 194	9 88 88 39 89 3 57 58 58 58 58 58 58 58
5 6 7 8 0	84	1895 8385 5270 7227 9180	1589 3529 5474 7423 9376	1788 3723 5668 7618 9572	1977 8918 5863 7813 9767	2170 4112 6058 8008 9963	2364 4306 6253 8203 *0159	4501 6447 8899	4695 6642 8594	4890 6837	3141 5084 7032 8985 *0942	194 195 195 195 195 196	195 196 197 198 1 70 70 20 20 2 10 10 39 40 3 50 50 50 50
·930 1 2 3 4	85	1138 3100 5067 7038 9014	1334 8297 5264 7235 9211	1530 8498 5461 7433 9409	1726 8690 5658 7630 9607	1922 3886 5855 7828 9805		4280 6249 8228	4476 6446 8420	6643	2904 4870 6841 8816 *0706	196 197 197 198 198	4 78 78 70 70 5 U4 08 06 00 6 117 118 118 110 7 127 127 128 129 8 154 167 158 158 U 176 170 177 178
5 6 7 8 9	86	0994 2979 4968 6962 8960	1192 3177 5167 7162 9161	1390 3376 5366 7361 9361	1589 8575 5566 7561 9561	1787 8774 5765 7761 9761	1986 8973 6964 7961 9961		4371 6363 8360	2581 0764 0503 0068 0068	2780 4769 6762 8760 *0763	199 199 200 200 201	100 200 201 202 1 20 30 20 20 2 40 40 40 40 8 60 60 60 61 4 80 80 30 81 5 100 100 101 101
940 1 2 3 4		7001	1164 8172 5185 7203 9225	7405	1565 3575 5588 7607 9680	7809	8011	6193 8213	8416	2569 4581 6597 8618 #0643	2770 4782 6799 8820 *0846	201 202 203 203	d 119 120 121 121 7 139 140 141 141 4 159 160 161 162 9 179 180 181 182 203 204 205 206
5 6 7 8 9		1049 3080 5116 7156 9201	5319 7360	3487 5523 7565	1658 3690 5727 7769 9816	8894 5931 7978	4097 6185	6889 8888	4504 6548 8587	8792	2477 4912 6952 8996 *1046	203 204 204 205 205	1 90 20 21 21 21 41 41 41 41 41
950	89	1251	1456	1661	1867	2072	2278	2483	2689	2894	8100	206	9 1 143 184 185 185 9 1 143 184 185 185

Illogs of Red Numbers taken from this Table are negative. Their Mantissae must be made positive in the usual way.

ILLOGS (Antilogs).

·900 - ·000

					1.		G 5 (TILL	uogs	٠,٠			700 500
No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·950 1 2	89	1251 3305 5365	1456 3511 5571	1661 3717 5777	1867 3923 5983	2072 4129 6190	2278 4335 6396	2483 4540 6603	4746	2894 4953 7016	3100 5159 7222	205 206 207	207 208 209 210 1 21 21 21 21
3 4		7429 9498	7635 9705	7842 9912	8049 *0119	8256	8463	8669 *0741	8876 *0949	9083 *1156	9290 *1364	208 207	2 41 42 42 42 3 62 62 63 63 4 83 83 84 84 5 104 104 105 105
5 6 7 8 9	90	7821	1779 3858 5941 8030 *0123	4066 6150	2194 4274 6358 8448 *0542	2402 4482 6567 8657 *0752		4899 6985 9076	$7194 \\ 9285$	3233 5316 7403 9494 *1591	9704	208 209 209 209 210	6 124 125 125 126 7 145 146 146 147 8 106 166 167 168 9 186 187 188 180
·960	91	2011 4113 6220	6431	2431 4534 6643	2641 4745 6854	2851 4956 7065 9179	5166 72 76	7487	7698	5799 7910	3903 6010 8121	210 210 212	211 212 213 214 1 21 21 21 21 21 2 42 42 43 43 3 03 64 64 64 4 84 85 85 86
3 4 5	92	8333 0450 2571	0662 2784		8967 1086 3209	1298 342 2	9390 1510 3634	1722 3847	1934 4060	4272	2359 4485	212 212 213	5 100 106 107 107 0 127 127 128 128 7 148 148 140 150 8 100 170 170 171 9 100 191 192 193
6 7 8 9	93	4698 6830 8966 1108	$4911 \\ 7043 \\ 9180 \\ 1322$	5124 7257 9394 1537	5337 7470 9608 1751	5550 7684 9822 1966		8111 *0251	8325 *0465	6403 8539 *0679 2825		214 213 214 215	215 216 217 218
·970	94	7562	5621 7778 9940	3684 5837 7994 *0156 2 32 3	*0373		8642 *0806	0699 8858 *1022	6915 9074	7130 9291 *1456	5190 7346 9507 *1673 3844	216 216 216 217 217	1 22 22 22 22 22 22 24 48 48 44 48 65 65 65 65 65 65 65 65 65 65 65 65 65
5 6 7 8 9	95	4061 6237 8418 0605 2796	$6455 \\ 8637$	4496 6673 8855 1048 3235	4713 6891 9074 1262 8455	4931 7109 9292 1481 3674	1700	7545 9730	7764 9948 2138		*0386	218 218 219 219 220	219 220 221 222 1 22 22 22 22 2 44 44 44 8 66 66 66 67
.980 1 2 8 4	96	4993 7194 9401 1612 3829	7414 9622 1834	2055	*0064 2277	2498	8297 *0506 2720	8517 *0727 2 942	*0948	8959 *1170 3385	9180 *1391 3607	220 221 221 222 223	4 88 88 88 80 5 110 110 111 111 6 131 132 183 133 7 168 154 156 155 8 175 176 177 178 0 197 198 199 200
5 6 7 8 9	97	6051 8278 0510 2747 4990	$8501 \\ 0733 \\ 2971$	8195	8947 1181 3419	6941 9170 1404 3644 5888	9393 1628 3868	4092	9840 2076 4316	7832 *0063 2299 4541 6787	*0287 2523 4765	223 223 224 225 225	228 224 225 226 1 22 22 28 28 2 45 45 45 45 3 17 07 68 68 4 80 90 90 90 5 112 112 113 118 6 134 134 135 136
·990 1 2 3	98	9490 1748 4011	9716 1974 4238	7687 9941 2200 4464 6734	*0167 2426 4691	*0303 2653 4918	*0618 2879 5145	*0844 3105 5372	*1070 3332 5598	*1296			7 156 157 158 168 8 178 179 180 181 9 201 202 208 208 227 228 229 230
4 5 6 7 8	99	0832 3116	8781 1060 3345	9008 1288 3574 5864	9236 1517 8802 6093	9464 1745 4031 6328	9692 1978 4260 6552	9920 2202 4489 6782	*0148 2430 4718 7011	*0376 2659 4947 7241	*0604 2887 5176 7470	228 229 229 230	1 28 28 28 28 2 45 46 46 46 3 68 68 69 69 4 91 91 92 92 5 114 114 115 115 6 136 137 137 188
·000	100	7700	7930		8389	8619			9809		9770 2074	230	7 159 160 160 161 8 182 182 183 184 9 204 205 206 207

LOLOGS OF NUMBERS

(LOGS OF LOGS OF NUMBERS)

FROM

0.00100 to 1,000

то

FIVE DECIMAL PLACES.

0.001	0 - 0	0055
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No.		0	1	2	3	4	5	6	7	8	9	D.
0·0010		712	649	587	526	465	404	344	285	226	167	58
1		109	051	*994	*937	*880	*824	*769	*714	*659	*604	54
2		550	497	444	391	338	286	234	183	132	081	51
3		030	*980	*930	*881	*832	*783	*735	*686	*638	*591	48
4		543	496	450	403	357	311	265	220	175	130	45
5	0.44	085	041	*997	*953	*909	*865	*822	*779	*737	*694	42
6		652	610	568	526	485	444	403	362	321	281	40
7		241	201	161	122	082	043	004	*965	*926	*888	33
8		850	812	774	736	699	661	624	587	550	513	36
9		477	440	404	368	332	296	261	225	190	155	35
0.0020	0.42	120	085	050	016	*981	*947	*913	*879	*845	*811	34
1		777	744	711	677	644	611	579	546	513	481	32
2		449	416	384	352	320	289	257	226	194	163	31
3		132	101	070	039	009	*978	*947	*917	*887	*857	30
4		827	797	767	737	707	678	648	619	590	561	29
5	0-40	532	503	474	445	417	388	359	331	303	275	28
6		247	218	191	162	135	107	080	052	025	*998	28
7		970	943	916	889	862	835	809	782	755	729	27
8		702	676	650	624	597	571	545	520	494	468	26
9		442	417	391	366	340	315	290	265	240	215	25
0·0030	0.39	190	165	140	115	090	066	041	017	*992	*968	24
1		944	920	895	871	847	823	799	776	752	728	24
2		704	681	657	634	610	587	564	541	517	494	23
3		471	448	425	402	380	357	334	311	289	266	22
4		244	221	199	177	154	132	110	088	066	044	22
5	0.38	022	000	*978	*956	*934	*913	*891	*869	*848	*826	21
6		805	783	762	741	719	698	677	656	635	614	21
7		593	572	551	530	509	489	468	447	427	406	21
8		385	365	344	324	304	283	263	243	223	203	20
9		183	162	142	122	103	083	063	043	023	004	20
0·0040	0.37	984	964	945	925	905	886	867	847	828	808	19
1		789	770	751	732	712	693	674	655	636	617	19
2		598	579	561	542	523	504	486	467	448	430	19
3		411	393	374	356	337	319	301	282	264	246	18
4		228	209	191	173	155	137	119	101	083	065	18
5	0.36	047	030	012	*994	*976	*958	*941	*923	+906	*888	18
6		870	853	835	818	800	783	766	748	731	714	18
7		696	679	662	645	628	611	594	577	560	543	17
8		526	509	492	475	458	441	424	408	391	374	16
9		358	341	324	308	291	275	258	242	225	209	17
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87 86	() ()	17	26 26	34	43	52	60	69	77	51	5	10	15	20	26	31	36	41	46
85	9	17	26	3.1	43	51	60	68	77	50	5	10	15	20	25	30	35	40	45
84	8	1.7	25	34	42	50	59	67	76	49	5	10	15	20	25	29	34	39	44
83	8	17	25	33	12	50	58 57	66 66	75 74	48	5	10	14	19 19	24	29 28	34 33	38	43
82 81	8	16 16	25 24	33 32	41	49	57	65	73	46	5	9	14	18	23	28	32	37	41
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79	8	16	24	32	40	17	55	63	71	44	4	9	13	18	22	26	31	35	40
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74	7	15	23	30	37	4.1	52	59	67	39	4	8	19	16	20	23	27	31	37
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72	7	14	22	22 22	36 36	$\begin{array}{c} 43 \\ 43 \end{array}$	50 50	58 57	$\frac{65}{64}$	37 36	4	7	11	15	19	22	25	29	32
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6	0.09		727	700	673	647	620	593	566	540	513	2
7	0 00	486	460	433	407	380	354	327	301	275	248	2
8		222	196	169	143	117	091	065	039	012	*986	2
9	0.08		934	908	883	857	831	805	779	753	72 8	2
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1		446	420	395	370	344	319	294	268	243	218	2
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3 4	0.07	694	$\begin{array}{c} 917 \\ 669 \end{array}$	645	$\begin{array}{c} 867 \\ 620 \end{array}$	$\begin{array}{c} 842 \\ 595 \end{array}$	818 571	793 546	768 5 2 2	$\begin{array}{c} 743 \\ 497 \end{array}$	$\begin{array}{c} 719 \\ 473 \end{array}$	2 2
5		448	424	399	375	351	326	302	278	253	229	2
6		205	181	157	132	108	084	060	036	012	*988	2
7	0.06		940	916	892	868	844	821	797	773	749	2
8		725	702	678	654	630	607	583	560	536	512	2
9		489	465	442	418	395	371	348	325	301	278	2
0.070		255	231	208	185	161	138	115	092	069	045	2
1	0.05	022	*999	*976	*953	*930	*907	*884	*861	*838	*815	2
2 3	0.05	792 564	769 541	$\begin{array}{c} 746 \\ 518 \end{array}$	723 496	700 473	678 450	$\begin{array}{c} 655 \\ 428 \end{array}$	$\begin{array}{c} 632 \\ 405 \end{array}$	609	586	2
4		337	315	292	270	247	225	202	180	$\begin{array}{c} 382 \\ 158 \end{array}$	$\begin{array}{c} 360 \\ 135 \end{array}$	2 2
5		113	091	068	046	024	001	*979	*957	*935	*912	2
6	0.04		868	846	824	802	780	758	735	713	691	2
6 7 8		669	647	625	603	582	560	538	516	494	472	2
	ı	450	428	407	385	363	341	320	298	276	255	2:
9		233	211	190	168	146	125	103	082	060	039	2
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1	0.03		782	760	739	718	697	675	654	633	612	2
2		590	569	548	527	506	485	464	443	422	400	2
3 4		379 170	358 149	$\begin{array}{c} 337 \\ 128 \end{array}$	316 107	$\begin{array}{c} 295 \\ 087 \end{array}$	275 066	254 045	233 024	$\begin{array}{c} 212 \\ 003 \end{array}$	191 *983	2 2
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8	{	347	326	306	286	265	245	225	205	185	164	2
9		144	124	104	084	064	043	023	003	*983	*963	2
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4	1-2	8740	8588	8435	8282	8129	7976	7889	7668	7311	7349	155
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2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9
6 6 7 7 7	24 25 25 25 26	$\frac{33}{34}$	41 42 42		57 58 59	65 66 66 67 68	73 74 75 76 77	130 130 140 150 160	12 13 14 15	$\frac{28}{30}$	36 39 42 45 48	48 52 56 60 64	60 65 70 75 80	72 78 84 90 96	84 91 98 105 112	96 104 112 120 128	108 117 126 135 144
77888	26 26 26 27 27	34 35 35 36 36	44 44 45	52 52 53 53 54	$\begin{array}{c} 61 \\ 62 \\ 62 \end{array}$	70 70 71	77 78 79 80 81	170 180 190 200 210	18 19 20	34 36 38 40 42	51 54 57 60 63	68 72 76 80 84		102 108 114 120 126	119 126 133 140 147	136 144 152 160 168	153 162 171 180 189
88900	27 28 28 28 29	36 37 37 38 38	$\frac{46}{47}$	$\begin{array}{c} 56 \\ 56 \end{array}$	64 64 65 66 67	74 74 75	$\frac{83}{84}$	220 230 240 250 260	22 23 24 25 26	44 46 48 50 52	66 69 72 75 78	88 92 96 100 104	$\frac{115}{120}$ $\frac{125}{125}$	132 138 144 150 156	154 161 168 175 182	176 184 192 200 208	198 207 216 225 234
99000	29 29 29 30 30	39 39 40	49 49 50	58 59 59 60	68 69 69	78 78 79	86 87 88 89 90	270 280 290 300 310		54 56 58 60 62	81 84 87 90 93	$\begin{array}{c} 116 \\ 120 \end{array}$	$\begin{array}{c} 140 \\ 145 \end{array}$		189 196 203 210 217	224 232	243 252 261 270 279
0 0 1 1 1	30 31 31 31 32	40 41 41 12 12	51 52 52	61 62 62 63	71 71 72 73 74	82 83		320 330 340 350 360	33 34	$\frac{68}{70}$	96 99 102 105 108	128 132 136 140 144	160 165 170 175 180	$\frac{198}{204}$	224 231 238 245 252	256 264 272 280 288	288 297 306 315 324
1 1 22 23 24	32 32 32 33 33	42 43 43 44 44	54 55	64 64 65 65 66		86 86 87	96 97	370 380 390 400 410	37 38 39 40 41	74 76 78 80 82	111 114 117 120 123	152 156	185 190 195 200 205	222 228 231 240 246	259 266 273 280 287	296 304 312 320 328	333 342 351 360 369
								120 430	42 43		126 129	168 172				344	

0.9900 - 1.000000 LOLOGS.

No.	Lolog.	No.	Lolog.	No.	Lolog.
0·9900	3-6 3997	0·9945	3-3 7934	0·99900	4 6 38 00
1	3558	6	7135	1	33 63
2	3115	7	6321	2	20 22
3	2667	8	5492	3	24 77
4	2215	9	4046	4	20 26
5	1758	0.9950	2784	5	1571
6	1296	1	2905	6	+1 2
7	0829	2	2007	7	0647
8	0358	3	1090	8	0377
9	3-5 9881	4	0154	9	4 5 9702
0·9910	9399	5	3-2 9108	0.99910	0522
1	8911	6	8210	1	8737
2	8418	7	7219	2	5140
3	7920	8	6195	3	7749
4	7416	9	5146	4	7247
5	6906	0·9960	4071	5	6739
6	6389	1	2970	6	6225
7	5867	2	1839	7	1704
8	5038	3	0679	8	5:78
9	4803	4	3 1 9487	9	4145
0·9920	4262	5	8261	0·99920	4 : 05
1	3713	6	7000	1	30 : 8
2	3158	7	6702	2	300 :
3	2595	8	4363	3	2144
4	2025	9	2982	4	: 76
5	1448	0·9970	11.56	5	201
6	0863	1	808.1	6	0718
7	0270	2	3.0 85.65	7	0127
8	34 9669	3	697.4	8	4 1 5527
9	900 9	4	1.002	9	7 520
0·9930	8441	5	5627	0·99980	8 364
1	7814	6	1852	1	7675
2	7177	7	0001	2	7644
3	6502	8	3 9 8069	8	6300
4	8877	9	6046	4	5747
5	5211	0·9080	3925	5	1084
6	4536	1	1695	6	4310
7	3850	2	48 9345	7	3796
8	3153	8	6860	8	3031
9	2444	4	4225	9	2325
0·9940	1724	5	1420	0.99940	1607
1.	0992	6	47 8422	1	0876
2	0247	7	5201	2	0134
8	3·3 9490	8	1723	3	43 9378
4	8718	9	4 6 7942	4	8609
5	7934	0.9990	3500	5	7827

No.	Lolog.	No.	Lolog.	No.	Lolog.
0·99945	4·3 7327	0·999900	5-6 3781	0·999950	5-3 3677
6	7030	1	3344	1	2799
7	6218	2	2903	2	1904
8	5390	3	2458	3	0989
9	4547	4	2008	4	0055
0·99950	3686	5	1553	5	5-2 9101
1	2809	6	1093	6	8125
2	1913	7	0629	7	7126
3	0998	8	0159	8	6104
4	0064	9	5-5 9685	9	5058
5	4·2 9109	0·999910	9205	0.999960 1 2 3 4	3985
6	8133	1	8719		2886
7	7135	2	8229		1758
8	6112	3	7733		0599
9	5066	4	7230		51 9410
0·99960	5993	5	6742	5	8186
1	2893	6	6208	6	6927
2	1765	7	5688	7	5630
3	0697	8	5162	8	4294
4	44 9417	9	46 2 9	9	2915
5	8193	0·999920	4039	0·999970	. 1491
6	6934	1	3543	1	0019
7	5637	2	1 2990	2	50 8495
8	4300	3	2429	3	6915
9	2921	4	1361	4	5276
0.99970	1 197	5	1236	5	3573
1	0025	6	0703	6	1806
2	4-0 8500	7	0112	7	6-9 9952
3	6921	8	64 9513	8	8021
4	5281	9	890d	9	6001
5	3578	0·999930	8290	0·999980	3882
6	1805	1,	7665	1	1654
7	5-9 9956	2	7031	2	68 9806
8	8025	3	6387	3	6824
9	6005	4	5731	4	4191
0.99980	3886	5	5071	5	1388
1	1658	6	4398	6	67 8392
2	5-8 9310	7	3714	7	5173
3	6827	8	3019	8	1697
4	4193	9	2310	9	66 7918
5	1394	0-999940	1595	0.999990	3779 6.59203 4088 648289 1594
6	57 8394	1	0865	1	
7	5176	2	0122	2	
8	1699	3	53 9367	3	
9	56 7990	4	8599	4	
0.99990	3731	5 6 7 8 9	7316 7019 6207 5380 4537	5 6 7 8 9	6-3 3675 6-2 3984 6-1 1490 7-9 3881 7-6 3778
		0.999950	3677	1.000000	30

		1			1	<u> </u>	
No.	Lolog.	No.	Lolog.	No.	Lolog.	No.	Lolog.
1·000000 1 2 3 4	$ \begin{array}{c} -\infty \\ \overline{7} \cdot 6 \ 3778 \\ \overline{7} \cdot 9 \ 3881 \\ \overline{6} \cdot 1 \ 1490 \\ \overline{6} \cdot 2 \ 3984 \end{array} $	1·000050 1 2 3 4	5·3 3674 4534 5378 6205 7017	1·00010 1 2 3 4	5.6 3776 7915 5.7 1694 5170 8388	1-00055 6 7 8 9	8585 9354
5	6⋅3 3675 6⋅4 1593 8288 6⋅5 4087 9202	5	7814	5	5.8 1384	1.00060	1581
6		6	8596	6	4187	1	2298
7		7	9365	7	6820	2	3004
8		8	5.4 0120	8	9302	3	3699
9		9	0862	9	5.9 1650	4	4383
1.000010	6.6 3778	1·000060	1592	1·00020	3877	5	5056
1	7917	1	2310	1	5996	6	5719
2	6.7 1696	2	3016	2	8016	7	6371
3	5173	3	3711	3	9946	8	7015
4	8391	4	4395	4	4-0 1794	9	7648
5	68 1387	5	5068	5	3567	1·00070	8278
6	4190	6	5731	6	5270	1	8889
7	6823	7	6385	7	6909	2	9496
8	9305	8	7028	8	8488	3	4-5 0095
9	69 1653	9	7662	9	4-1 0012	4	0686
1.000020 1 2 3 4	3881 6000 8020 9951 50 1799	1·000070 1 2 3 4	8287 8903 9510 5.5 0109 0700	1·00030 1 2 3 4	1484 2008 4286 5623 6919	5 7 8 9	1268 1843 2411 2971 3524
5	3572	5	1283	5	8178	1.00080	4070
6	5275	6	1858	6	9401	1	4609
7	6914	7	2426	7	4·2 0591	2	5142
8	8494	8	2986	8	1749	8	5668
9	5-1 0018	9	3539	9	2876	4	6188
1.000030	1490	1.000080	4086	1.00040	8976	5	6702
1	2914	1	4625	1	5048	6	7210
2	4293	2	5158	2	6094	7	7711
3	5629	3	5685	8	7116	8	8208
4	6926	4	6205	4	8114	9	8698
5	8185	5	6719	5	9090	1·00090	9183
6	9408	6	7227	6	4-3 0044	1	9663
7	5·2 0598	7	7728	7	0978	2	4-6 0137
8	1756	8	8225	8	1892	8	0607
9	2884	9	8716	9	2787	4	1071
1·000040	3984	1·000090	9201	1.00050	3665	5	1580
1	5056	1	9681	1	4524	6	1985
2	6102	2	5-6 0155	2	5367	7	2435
8	7124	3	0625	8	6195	8	2880
4	8123	4	1089	4	70 06	9	8820
5 6 7 8 9	9099 5.8 0053 0987 1902 2797	5 6 7 8 9	1549 2004 2454 2899 3340	5	7803	1.00100	8757
1.000050	3674	1.000100	8776				1
100		<u>_</u>		·		1	i

					1		The state of the same of the s
No.	Lolog.	No.	Lolog.	No.	Lolog.	No.	Lolog.
1·0010	4·6 3757	1·0055	3·3 7696	1·010	3.6 3562	1·055	2·3 6647
1	7894	6	8476	1	7680	6	7409
2	4·7 1671	7	9242	2	3.7 1437	7	8157
3	5145	8	9996	3	4892	8	8891
4	8361	9	3·4 0736	4	8089	9	9613
5	T·8 1355	1·0060	1464	5	3·8 1064	1·060	2·4 0322
6	4156	1	2179	6	3845	1	1019
7	6786	2	2883	7	6457	2	1705
8	9267	3	3576	8	8918	3	2379
9	T·9 1613	4	4258	9	3·9 1244	4	3042
1·0020	3838	5	4929	1·020	3451 5548 7547 9456 $\overline{2} \cdot 0$ 1284	5	3695
1	5955	6	5590	1		6	4338
2	7973	7	6241	2		7	4970
3	9901	8	6882	3		8	5593
4	3.0 1747	9	7514	4		9	6206
5	3518	1·0070	8137	5	3035	1·070	6811
6	5219	1	8751	6	4717	1	7406
7	6856	2	9356	7	6335	2	7993
8	8434	3	9953	8	7893	3	8572
9	9955	4	3·5 0541	9	9396	4	9142
1·0030	3·1 1425	5	1122	1·030	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	5	9705
1	2847	6	1695	1		6	2·5 0259
2	4224	7	2261	2		7	0807
3	5558	8	2819	3		8	1347
4	6853	9	3370	4		9	1880
5	8109	1·0080	3914	5	7436	1.080	2406
6	9331	1	4452	6	8638	1	2925
7	3·2 0518	2	4982	7	9807	2	3437
8	1674	3	5507	8	2·2 0944	3	3943
9	2800	4	6025	9	2051	4	4443
1·0040	3898	5	6536	1·040	3130	5	4937
1	4968	6	7042	1	4181	6	5424
2	6012	7	7542	2	5207	7	5906
3	7032	8	8036	3	6208	8	6382
4	8028	9	8525	4	7185	9	6853
5	9002	1·0090	9008	5	8140	1·090	7318
6	9955	1	9486	6	9074	1	7778
7	3-3 0886	2	9958	7	9987	2	8232
8	1799	3	3.6 0426	8	2·3 0881	3	8681
9	2692	4	0888	9	1755	4	9126
1.0050	3567	5	1345	1·050	2612	5	9565
1	4425	6	1798	1	3451	6	2.6 0000
2	5266	7	2246	2	4273	7	0430
8	6091	8	2689	3	5080	8	0855
4	6901	9	3128	4	5871	9	1276
5	7696	1.0100	8562	Б	6647	1.100	1692

No.		0	1	2	3	4	5	6	7	8	9	D.
1·10 1 2 3 4		1692 5632 9212 2492 5515	2104 6005 9558 2805 5805	2512 6375 9891 3116 6092	2916 6741 *0226 3424 6377	3316 7103 *0558 3730 6661	3711 7463 *0887 4033 6942	4103 7819 *1213 4334 7221	4491 8172 *1537 4633 7498	4875 8522 *1858 4929 7773	5223	377 343 316 292 271
5 6 7 8 9	2.8	8317 0928 3369 5662 7822	8587 1179 3605 5884 8031	8854 1429 3839 6104 8239	9119 1677 4072 6323 8446	9388 1923 4303 6541 8652	9645 2168 4533 6758 8856	9905 2412 4762 6973 9060	*0163 2653 4089 7187 9262	*0420 2894 5215 7400 9463	*0675 3132 5439 7611 9663	253 237 223 211 199
1·20	2∙9	9862	*0060	*0257	*0458	*0648	*0842	*1034	*1226	*1417	*1607	188
1		1795	1983	2170	2356	2541	2725	2908	3090	3271	3452	179
2		3631	3810	3987	4164	4340	4515	4690	4863	5036	5207	171
3		5378	5549	5718	5887	6054	6221	6388	6553	6718	6882	163
4		7045	7207	7369	7530	7690	7850	8009	8167	8324	8481	156
5	T ·0	8637	8792	8947	9101	9254	9407	9559	9710	9861	*0011	150
6		0161	0309	0458	0605	0752	0899	1044	1189	1384	1478	143
7		1621	1764	1906	2048	2189	2329	2469	2609	2748	2886	138
8		3024	3161	3297	3438	3569	3704	3839	3973	4106	4239	132
9		4871	4503	4635	4766	4896	5026	5156	5285	5413	5541	128
1·30	T ·1	5669	5796	5923	6049	6175	6300	6424	6549	0873	0796	123
1		6919	7042	7164	7286	7407	7528	7648	7768	7887	8007	118
2		8125	8244	8362	8479	8596	8713	8829	8945	9060	9175	115
3		9290	9405	9518	9632	9745	9858	9970	*0082	*0194	*0305	111
4		0416	0527	0637	0747	0856	0965	1074	1183	1291	1398	108
5		1506	1618	1719	1826	1932	2037	2143	2248	2352	2457	104
6		2561	2004	2768	2871	2974	3076	3178	3280	3381	8488	100
7		3583	3684	3784	3884	3984	4083	4182	4281	4379	4477	98
8		4575	4073	4770	4867	4964	5060	5156	5252	5848	5448	95
9		5538	5638	5727	5821	5915	6009	6102	6196	6288	6381	95
1·40		6478	6565	6657	6749	6840	6931	7022	7112	7203	7293	89
1		7382	7472	7561	7650	7739	7828	7916	8004	8092	8179	88
2		8267	8354	8441	8527	8614	8700	8786	8871	8957	9042	85
3		9127	9212	9297	9381	9465	9549	9683	9716	9799	9882	88
4		9965	*0048	*0130	*0212	*0294	*0376	*0458	*0539	*0620	*0701	81
5	T·2	0782	0862	0948	1028	1103	1182	1262	1341	1420	1499	79
6		1578	1656	1785	1818	1891	1968	2046	2123	2200	2277	77
7		2354	2431	2507	2588	2659	2735	2811	2886	2962	3037	75
8		3112	3186	8261	8335	3410	8484	8558	8631	8705	3778	73
9		3851	3024	8997	4070	4142	4215	4287	4359	4431	4502	72
1.50		4574	4645	4716	4787	4858	4929	4909	5070	5140	5210	70
1		5280	5349	5419	5488	5558	5627	5696	5764	5833	5901	69
2		5970	6038	6106	6174	6242	6309	6877	6444	6511	6578	67
8		6645	6711	6778	6844	6910	6977	7048	7108	7174	7240	65
4		73 05	7370	7485	7500	7565	7630	7694	7759	7823	7887	64
5		7951	8015	8079	8142	8206	8269	8332	8895	8458	8521	63

D.	1	2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9
410 400 390 380 370	41 40 39 38 37	82 80 78 76 74	123 120 117 114 111	152	$200 \\ 195 \\ 190$	$\frac{240}{234}$	273 266	328 320 312 304 296	369 360 351 342 333	96 95 94 93 92	10 10 9 9	19 19 19 19		38 38 38 37 37		58 57 56 56 55	67 67 66 65 64	77 76 75 74 74	86 86 85 84 83
360 350 340 330 320	36 35 34 33 32	72 70 68 66 64		144 140 136 132 128	$\begin{array}{c} 170 \\ 165 \end{array}$	210 204 198	$\begin{array}{c} 238 \\ 231 \end{array}$		324 315 306 297 288	91 90 89 88 87	9 9 9 9	18 18 18 18		36 36 36 35 35	46 45 45 44 44	55 54 58 58 52	64 63 62 62 61	73 72 71 70 70	82 81 80 79 78
310 300 290 280 270	31 30 29 28 27	60 58 56	93 90 87 84 81	1.20	150 145 140		210 203 196	$240 \\ 232 \\ 224$	279 270 261 252 243	86 85 84 83 82	9 8 8 8	17 17 17 17 16	26 26 25 25 25	33	43 42 42	52 51 50 50 49	60 60 59 58 57	69 68 67 66 66	77 77 76 75 74
260 250 240 230 220		52 50 48 46 44	78 75 72 69 66	100	$125 \\ 120 \\ 115$	156 150 144 138 132		208 200 192 184 176	216 207	81 80 79 78 77	8 8 8 8	16 16 16 16 15		32 32 32 31 31	41 40 40 39 39	49 48 47 47 46	57 56 55 55 54	65 64 63 62 62	73 72 71 70 69
210 200 190 180 170		42 40 38 36 34	63 60 57 54 51	84 80 76 72 68	100		126	168 160 152 144 136	189 180 171 162 153	76 75 74 78 72	8 7 7	15 15 15 15 14	23 23 22 22 22 22	30 30 30 29 29	38 38 37 37 36	46 45 44 44 43	51	61 60 59 58 58	68 68 67 66 65
160 150 140 130 120	16 15 14 13 12	32 30 28 26 24	48 45 42 39 86	64 60 56 52 48	80 75 70 65 60	96 90 84 78 72	112 105 98 91 84		144 135 126 117 108	71 70 69 68 6 7	7 7 7 7	14 14 14 14 18	21 21 21 20 20	28 28 28 27 27	36 35 35 34 34	43 42 41 41 40	50 49 48 48 47	57 56 55 54 54	64 63 62 61 60
110 100 99 98 97		22 20 20 20 19	38 30 30 29 29	44 40 40 89 89	55 50 50 49	66 60 59 59 58	77 70 69 68	88 80 79 78 78	99 90 89 88 87	66 65	7 7	13 13	20 20	26 26	33 33	40 89		53 52	

No.	0	1	2	3	4	5	6	7	8	9	D.
1.55	7951	8015	8079	\$142	8206	8269	8332	8395	8458	8521	68
6	8584	8646	8709	8771	8883	8895	8957	9019	9080	9142	61
7	9203	9265	9326	9387	9448	9508	9569	9630	9690	9750	60
8	9810	9870	9930	9990	*0050	*0109	*0169	*0228	*0287	*0346	59
9	0405	0464	0523	0582	0640	0698	0757	0815	0873	0931	58
1.60 1 2 3 4	0989 1560 2122 2672 3212	1046 1617 2177 2726 3266	1104 1674 2232 2781 3319	1161 1730 2288 2835 3872	1219 1786 2348 2889 3426	1276 1842 2398 2943 3479	1333 1898 2453 2997 3532	1390 1954 2508 3051 3585	1447 2010 2563 3105 3637	1504 2066 2617 3159 3690	56 56 55 53
5	3743	3795	3848	3900	3952	4004	4056	4108	4160	4212	52
6	4264	4315	4367	4418	4469	4521	4572	4623	4674	4724	51
7	4775	4826	4876	4927	4977	5028	5078	5128	5178	5228	50
8	5278	5328	5377	5427	5477	5526	5575	5625	5674	5728	49
9	5772	5821	5870	5918	5967	6016	6064	6113	6161	6 2 09	48
1.70	6257	6306	6354	6402	6449	6497	6545	6592	6640	6687	48
1	6735	6782	6829	6877	6924	6971	7018	7064	7111	7158	40
2	7204	7251	7297	7344	7390	7436	7482	7528	7574	7620	46
3	7666	7712	7758	7803	7849	7894	7940	7985	8030	8075	45
4	8120	8165	8210	8255	8300	8845	8389	8434	8479	8523	44
5	8567	8612	8656	8700	8744	8788	8832	8876	8920	8964	48
6	9007	9051	9095	9138	9181	9225	9268	9311	9354	9397	48
7	9440	9488	9526	9569	9612	9655	9697	9740	9782	9825	42
8	9867	9909	9951	9994	*0036	*0078	*0120	*0162	*0203	*0245	42
9	0287	0328	0870	0412	0453	0494	0536	0577	0618	0659	41
1·80	0700	0741	0782	0828	0864	0905	0946	0986	1027	1067	41
1	1108	1148	1189	1229	1269	1309	1349	1389	1429	1469	40
2	1509	1549	1589	1629	1668	1708	1747	1787	1826	1866	80
8	1905	1944	1983	2022	2061	2100	2139	2178	2217	2256	89
4	2295	2333	2372	2411	2449	2488	2526	2504	2608	2641	88
5	2679	2717	2755	2798	2831	2869	2907	2945	2988	3020	38
6	3058	3096	3133	3171	3208	8245	3283	8820	8357	3394	88
7	3432	3469	3506	3543	3580	8616	3653	8690	8727	3763	37
8	3800	3837	3878	3910	3946	3982	4019	4055	4091	4127	37
9	4164	4200	4236	4272	4308	4843	4379	4415	4451	4486	36
1.90 1 2 8 4	4522 4876 5225 5569 5909	4558 4911 5260 5604 5948	4508 4946 5294 5688 5977	4629 4981 5829 5672 6010	4664 5016 5368 5706 6044	4700 5051 5398 5740 6078	4785 5086 5432 5774 6111	4770 5121 5466 5808 6145	4805 5155 5501 5842 6178	4841 5190 5535 5870 6212	35 34 33 33
5	6245	6278	6312	6845	6378	6411	6444	6477	6510	6543	33
6	6576	6600	6642	6675	6708	6740	6773	6806	6838	6871	33
7	6904	6986	6968	7001	7088	7066	7098	7180	7162	7195	32
8	7227	7259	7291	7828	7855	7387	7419	7450	7482	7514	32
9	7546	7577	7609	7641	7672	7704	7785	7767	7798	7880	31
2.00	7 861	7892	7924	7955	7986	8017	8048	8079*	8110	8141	81

D.	1	2	3	4	5	6	7	8	9
64 63	6	13 13	19 19	26 25	32 32	38 38	45 44	51 50	58 57
62	6	12	19	25	31	37	43	50	56
61	6	12	18	24	31	37	43	49	55
60	6	12	18	24	30	36	42	48	54
59	6	12	18	24	30	35	41	47	53
58 57	6	$\begin{array}{c} 12 \\ 11 \end{array}$	17	$\frac{23}{23}$	$\begin{array}{c} 29 \\ 29 \end{array}$	35	41 40	46	52
56	6	11	$\frac{17}{17}$	22	28	$\frac{34}{34}$	39	46 45	51 50
55	6	11	17	22	28	33	39	44	50
54	5	11	16	22	27	32	38	43	49
53 52	5	11 10	16 16	$\begin{array}{c} 21 \\ 21 \end{array}$	$\frac{27}{26}$	$\begin{array}{c} \textbf{32} \\ \textbf{31} \end{array}$	$\frac{37}{36}$	42	"48 48
51	5	10	15	20	26	31	36	42 41	47 46
50	5	10	15	20	25	30	35	40	45
49	5	10	15	20	25	29	34	39	44
48	5	10	14	19	24	29	34	38	43
47	5 5	9	14 14	19 18	$\frac{24}{23}$	28 28	$\frac{33}{32}$	38 37	42
45	5	9	14	18	23	27	32	36	41 41
10	"	Ü		2.0	40	21	02	00	T.I.
4.1	4	9	13	18	22	26	31	35	40
43	4	9	13	17	22	26	30	34	39
42	4	8	13	17	21	25	29	34	38
41	4	8	$\frac{12}{12}$	16 16	21 20	$\frac{25}{24}$	29 28	33 32	37 36
10	¥	G	14	10	40	44	40	32	30
39	4	8	12	16	20	23	27	31	35
38	4	8	11	15	19	23	27	80	34
37	4	7	11	1.5	19	22	26	30	33
36	4	7 7	11	14	18	22	25	29	32
35	4	7	11	14	18	21	25	28	32
34	3	7	10	14	17	20	24	27	31
33	3	7	10	13	17	20	23	26	30
32	3	6	10	13	16	19	22	26	29
31	3	6	9	12	16	19	22	25	28

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No.		0	1	2	3	4	5	6	7	8	9	D.
2·0		7861	8172	8480	8784	9084	9381	9675	9965	*0251	*0535	280
1		0815	1092	1366	1638	1906	2171	2434	2693	2950	3205	251
2		3456	3705	3952	4196	4438	4677	4914	5148	5380	5610	228
3		5838	6064	6287	6509	6728	6945	7161	7374	7585	7795	207
4		8002	8208	8412	8614	8815	9014	9210	9406	9599	9791	191
5 6 7 8 9	T-6	9982 1802 3484 5046 6502	*0171 1976 3646 5196 6642	*0358 2149 3806 5845 6781	*0543 2320 3965 5493 6919	*0728 2490 4123 5640 7057	*0910 2659 4279 5786 7193	*1092 2827 4435 5931 7329	*1271 2993 4589 6075 7464	*1450 3158 4743 6218 7598	*1627 3322 4895 6360 7731	175 162 151 142 132
3·0	T-7	7863	7994	8125	8254	8383	8511	8639	8765	8891	9016	124
1		9140	9264	9386	9508	9629	9750	9870	9989	*0107	*0225	117
2		0342	9458	0574	0689	0803	9917	1030	1142	1254	1366	110
3		1476	1586	1695	1804	1912	2020	2127	2233	2339	2444	105
4		2549	2653	2756	2859	2962	3064	3165	3266	3366	3466	99
5		3565	3664	3762	3860	3957	4054	4151	4246	4342	4437	94
6		4531	4625	4719	4812	4904	4996	5088	5179	5270	5360	90
7		5450	5540	5629	5718	5806	5894	5981	6068	6155	6241	86
8		6327	6412	6497	6582	6666	6750	6883	6916	6999	7081	82
9		7163	7245	7326	7407	7488	7568	7648	7728	7807	7885	79
4·0	T-8	7964	8042	8120	8197	8275	8351	8428	8504	8580	8656	75
1		8731	8806	8880	8955	9029	9102	9176	9249	9321	9394	72
2		9466	9538	9610	9681	9752	9823	9898	9964	*0033	*0103	69
3		0172	0242	0310	0379	0447	0515	0583	0651	0718	0785	67
4		0852	0918	0984	1050	1116	1182	1247	1312	1377	1441	64
5 6 7 8 9		1505 2135 2743 8380 3897	1569 2197 2803 3388 8953	1633 2259 2862 8445 4008	1697 2320 2921 3502 4064	1760 2381 2980 3559 4119	1823 2442 8039 8616 4174	1886 2503 8098 8073 4229	1949 2563 3156 3729 4283	2011 2623 3214 3785 4338	2074 2088 8272 8841 4392	61 60 58 50
5·0		4446	4500	4558	4607	4000	4714	4767	4820	4872	4925	52
1		4977	5029	5081	5133	5185	5236	5288	5339	5390	5441	51
2		5492	5542	5593	5643	5698	5743	5708	5842	5892	5941	49
3		5990	6039	6088	6187	6186	6234	6288	6331	6379	6427	47
4		6474	6522	6570	6617	6664	6711	6758	6805	6852	6898	46
5		6944	6991	7037	7088	7129	7174	7220	7265	7311	7356	45
6		7401	7446	7491	7586	7580	7025	7669	7713	7757	7801	44
7		7845	7889	7932	7976	8019	8062	8105	8148	8191	8234	43
8		8277	8319	8362	8404	8446	8488	8530	8572	8614	8656	41
9		8697	8739	8780	8821	8862	8903	8944	8985	9025	9066	40
6.0		9106	9147	9187	9227	9267	9807	9347	9387	9426	9466	39

Add Proportional Parts.

310 300 290 280 270	31 30 29 28 27	60 58 56	90 87 84	124 120 116 112 108	150 145 140	180 174 168	210 203 196	$240 \\ 232 \\ 224$	270 261 252	81 80 79 78 77	-	16 16 16 16	$\frac{24}{23}$		40 40 39	49 48 47 47 46	57 56 55 55 54	65 64 63 62 62	73 72 71 70 69
260 250 240 230 220	26 25 24 23 22	52 50 48 46 44		104 100 96 92 88	125 120 115	156 150 144 138 132	175 168 161	$200 \\ 192 \\ 184$	225 216 207	76 75 74 73 72	8 7 7	15 15 15 15 14	22	30 30 30 29 29	38 37 37	46 45 44 44 43	51	61 60 59 58 58	68 68 67 66 65
210 200 190 .80 170		42 40 38 36 34	63 60 57 54 51	84 80 76 72 68	105 100 95 90 85	120 114 108	147 140 133 126 119	160 152 144	180 171 162	71 70 69 68 67	7 7 7 7 7	14 14 14 14 13	21 21 20	28 28 28 27 27	36 35 35 34 34	43 42 41 41 40	50 49 48 48 47	57 56 55 54 54	64 63 62 61 60
160 150 140 130 120	15 14 13	28 26	48 45 42 39 36	64 60 56 52 48	80 75 70 65 60	96 90 84 78 72	112 105 98 91 84	128 120 112 104 96	$\begin{array}{c} 135 \\ 126 \end{array}$	66 65 64 63 62	7 6 6 6	13 13 13 13 12	20 19 19	26 26 26 25 25	33 32 32	40 39 38 38 37	46 46 45 44 43	53 52 51 50 50	59 59 58 57 56
110 100 99 98 97	10 10 10	$22 \\ 20 \\ 20 \\ 20 \\ 19$	33 30 30 29 29	44 40 40 39	55 50 50 49 49	66 60 59 59	77 70 69 69	88 80 79 78 78	99 90 89 88 87	61 60 59 58 57	6	12 12 12 12 11	18 18 17	24 24 24 23 23	30 30 29	37 36 35 35 34	43 42 41 41 40	49 48 47 46 46	55 54 53 52 51
96 95 94 93 92		19 19 19 19 18	29 29 28 28 28	38 38 38 37	48 48 47 47	58 57 56 56	67 67 66 65 64	77 76 75 74 74	86 86 85 84 83	56 55 54 53 52	6 6 5 5	11 11 11 11 10	17 17 16 16 16	22 22 22 21 21	28 28 27 27 26	34 33 32 32 31	39 39 88 37 36	45 44 43 42 42	50 50 49 48 47
91 90 89 88 87	9 9 9 9	18 18 18 18	27 27 27 26 26	36 36 35 35	46 45 45 44 44	55 54 .53 .53	64 63 62 62 61	73 72 71 70 70	82 81 80 79 78	51 50 49 48 47	5 5 5 5	10 10 10 10	15 14	20 20 20 19 19	$\frac{25}{24}$	31 30 29 29 28	36 35 34 34 33	41 40 39 38 38	46 45 44 43 42
86 85 84 83 82	9 9 8 8 8	17 17 17 17 16	26 26 25 25 25	34 34 34 83 33	43 43 42 42 41	52 51 50 50 49	60 59 58 57	69 68 67 66	77 77 76 75 74	46 45 44 49 42	5 4 4 4	9 9 9 8	14 14 13 13		23 23 22 22 21	28 27 26 26 25	32 32 31 30 29	37 36 35 34 34	41 41 40 39 38
										41 40 39	4 4 4	8 8 8	12 12 12		20	25 24 23	29 28 27	33 32 31	37 36 35
																		197	7

D. 1 2 3 4 5 6 7 8 9 D. 1 2 3 4 5 6 7 8 9

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No.	0	1	2	3	4	5	6	7	8	9	D.
6·0 1	T·8 9106		9187 9584	9227 9623	9267 9662	9307 9701	9347 9740	9387 9778	9426 9817	9466 9856	39 38
2 3 4	9894 T-9 0273 0643	9982 0311		*0009 0385 0752		*0085 0459 0825		*0160 0533 0897			37 36 35
5 6 7	1004 1357 1702	1392	1076 1427 1770	1111 1461 1804	1147 1496 1838	1182 1531 1871	1217 1565 1905	1252 1599 1939	1287 1634 1972	1322 1668 2006	35 34 33
8	2030	2072	2105 2438	2139 2466	2172 2498	2205 2530	2237 2563	2270 2595	2808 2627	2336 2659	32 32
7·0 1 2 3 4	2691 3006 3315 3617 3914	3037 3345 3647	2754 3068 3376 3677 3972	2786 3099 3406 8707 4001	2818 3130 3437 3737 4030	2849 3161 8467 8760 4059	2881 3192 3497 3796 4088	2912 3223 3527 3825 4117	2944 3254 3557 3855 4146	2975 3284 3587 3884 4175	31 31 30 30 29
5 6 7	4204 4488 4767	4283 4517	4261 4545 4823	4290 4573 4850	4318 4601 4878	4847 4629 4905	4375 4656 4932	4404 4684 4960	4432 4712 4987	4460 4740 5014	28 27 27
8 9	5041 5310	. 5068	5095 5363	5122 5389	5149 5416	5176 5442	5203 5468	5280 5495	5256 5521	5283 5547	27 26
8·0 1 2 3 4	5578 5832 6086 6335 6580	5857 6111 6360	5625 5883 6136 6385 6629	5651 5908 6161 6409 6653	5677 5934 6186 6484 6677	5703 5959 6211 6458 6701	5729 5985 6286 6488 6725	5755 6010 6261 6507 6749	5780 6035 6286 6532 6773	5806 6061 6310 6556 6797	26 25 25 24 24
5 6 7 8 9	6821 7058 7291 7510 7744	7081 7314 7542	6869 7105 7837 7565 7789	6893 7128 7360 7587 7811	6916 7151 7383 7610 7833	6940 7175 7405 7682 7856	6964 7198 7428 7655 7878	6987 7221 7451 7677 7900	7011 7244 7474 7700 7922	7034 7267 7497 7722 7944	24 24 22 22 22
9·0 1 2 8 4	7986 8184 8398 8609 8817	8205 8419 8630	8010 8227 8441 8651 8858	8082 8248 8462 8672 8870	8058 8270 8483 8698 8899	8075 8291 8504 8714 8920	8097 8313 8525 8734 8940	8119 8334 8546 8755 8961	8140 8856 8567 8776 8981	8162 8377 8588 8796 9001	22 21 21 21 21 21
5 6 7 8 9	9022 9228 9422 9617 9810	9248 9441 9637	9062 9263 9461 9656 9848	9082 9283 9481 9675 . 9867	9103 9303 9500 9695 9886	9123 9323 9520 9714 9905	9148 9848 9539 9788 9924	9163 9862 9559 9753 9943	9183 9882 9578 9772 9962	9208 9402 9598 9791 9981	20 20 19 19 19

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D.	1	2	3	4	5	6	7	8	9
41	-1	8	12	16	21	25	29	33	37
40	4	8	12	16	20	24	28	32	36
39	4	8	12	16	20	23	27	31	35
38	4	8	11	15	19	23	27	30	34
37	4	7	11	15	19	22	26	30	33
36	4	7	11	14	18	22	25	29	32
35	4	7	11	14	1.8	21	25	28	32
34	3	7	10	1.4	1.7	20	24	27	31
33	3	7	1.0	13	17	20	23	26	30
32	3	6	10	13	16	19	22	26	29
31	3	6	9	12	16	19	22	25	28
30	3	6	9	12	15	18	21	24	27
29	3	6	9	12	15	17	20	23	26
28	3	6	8	11	14	17	20	22	25
27	3	5	8	11	14	16	19	22	24
26	3	5	8	10	13	16	18	21	23
25	3	5	8	10	13	15	18	20	23
24	2	5	7	10	12	14	17	19	22
23	2 2 2	5	7	9	12	14	16	18	21
22	2	4	7	9	11	13	15	18	20
21	2	4	6	8	11	13	1.5	17	1.9
20	2	4	6	8	10	12	14	16	18
19	2	4	6	8	10	11	13	15	17
18	2	4	5	7	9	11	13	14	16

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No.		.0	·1	·2	.3	•4	•5	٠6	.7	.8	.9	D.
10 1 2		0000 1761 3309	0187 1925 3454	0372 2087 3597 4944	0554 2246 3739 5071	0733 2403 3879 5196	0911 2559 4017 5321	1086 2713 4154 5444	1258 2865 4289 5565	1428 3015 4423 5686	1596 3163 4555 5805	165 146 131 118
3 4		4686 5923	4816 6040	6156	6271	6384	6497	6608	6719	6828	6937	107
5 6 7		7044 8067 9006	7151 8165 9096	7256 8261 9185	7360 8357 9274	7464 8452 9361	7567 8546 9448	7668 8640 9535	7769 8733 9621	7870 8825 9706	7969 8916 9790	98 90 84
8	0.1	9874 0679	9957 0756	*0039 0833	0909 *0121	*0203 0985	*0284 1060	*0364 1135	*0443 1209	*0522 1283	*0601 1356	78 73
20 1 2 3	,,	1429 2130 2789 8409	1501 2198 2853 3469	1573 2265 2916 3529	1644 2332 2979 3588	1715 2399 3041 3647	1785 2465 3103 3706	1855 2530 3165 3764	1925 2596 3227 3822	1994 2661 3288 3880	2062 2725 3349 3937	68 64 60 58
4		3995	4051	4108	4164	4220	4275	4331	4386	4440	4495	54
5 6 7 8 9	./	4549 5075 5575 6052 6507	4603 5126 5624 6098 6551	4656 5177 5672 6144 6595	4710 5227 5720 6190 6639	4762 5278 5768 6236 6683	4815 5328 5816 6282 6726	4868 5378 5864 6327 6770	4920 5428 5911 6372 6813	4972 5477 5958 6417 6856	5023 5526 6005 6462 6899	52 49 47 45 43
80 1 2 3 4	.1	6942 7358 7758 8142 8511	6984 7899 7797 8179 8547	7026 7440 7836 8217 8583	7068 7480 7875 8254 8019	7110 7520 7913 8291 8655	7152 7560 7952 8829 8691	7194 7600 7990 8365 8726	7235 7640 8028 8402 8761	7276 7679 8066 8438 8797	7317 7719 8104 8475 8832	41 39 38 36 35
5 6 7 8 9		8867 9209 9540 9860 0169	8901 9243 9573 9891 0199	8936 9 277 9605 9922 0229	8971 9310 9637 9954 0260	9005 9348 9669 9985 0290	9040 9376 9701 *0016 0820	9074 9409 9733 *0046 0349	9108 9442 9765 *0077 0379	9142 9475 9797 *0108 0409	9176 9508 9828 *0138 0438	33 32 32 31 30
40 1 2 3 4	,2	0468 0758 1039 1311 1576	0497 0786 1066 1338 1602	0527 0814 1094 1365 1628	0556 0843 1121 1391 1654	0585 0871 1149 1418 1679	0614 0899 1176 1444 1705	0648 0027 1203 1471 1731	0672 0955 1230 1497 1756	0700 0983 1257 1528 1782	0729 1011 1284 1550 1807	29 28 27 26 26
5 6 7 8 9	,2	1833 2083 2326 2563 2794	1858 2108 2350 2586 2816	1883 2132 2374 2010 2839	1909 2157 2398 2688 2862	1984 2181 2422 2656 2884	1959 2205 2445 2679 2907	1984 2230 2469 2702 2929	2009 2254 2493 2725 2952	2033 2278 2516 2748 2974	2058 2302 2540 2771 2996	25 24 28 28 28 23
50 1 2 3 4	.2.	3019 3238 3452 3661 3865	3041 3260 3473 3681 3885	3003 3281 3494 8702 3905	3085 8308 3515 8722 3925	3107 3324 3536 3743 3945	3129 3345 8557 3763 3965	3151 3367 3578 3784 3985	8178 3888 3599 8804 4005	8194 8409 8619 8824 4024	3216 3431 3610 3844 4044	22 21 21 21 21 20

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D.	1	2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9
180 170 160 150 140	18 17 16 15 14	36 34 32 30 28	54 51 48 45 42	72 68 64 60 56	90 85 80 75 70	108 102 96 90 84	126 119 112 105 98	136 128 120	162 153 144 135 126	63 62 61 60 59	6 6 6 6	13 12 12 12 12	19 19 18 18	25 25 24 24 24	32 31 31 30 30	38 37 37 36 35	44 43 43 42 41	50 50 49 48 47	57 56 55 54 53
130 120 110 100 99	13 12 11 10 10	26 24 22 20 20	39 36 33 30 30	52 48 44 40 40	65 60 55 50	78 72 66 60 59	91 84 77 70 69	104 96 88 80 79	117 108 99 90 89	58 57 56 55 54	6 6 6 5	12 11 11 11 11	17 17 17 17 16	23 23 22 22 22 22	29 29 28 28 27	35 34 34 33 32	41 40 39 39 38	46 46 45 44 43	52 51 50 50 49
98 97 96 95 94	10 10 10 10	20 19 19 19 19	29 29 29 29 28	39 39 38 38 38	49 49 48 48 47	59 58 58 57 56	69 68 67 67 66	78 78 77 76 75	88 87 86 86 85	53 52 51 50 49	य य य य य	11 10 10 10 10	16 16 15 15	21 21 20 20 20	27 26 26 25 25	32 31 31 30 29	37 36 36 35 34	42 42 41 40 39	48 47 46 45 44
98 92 91 90 89	9 9	19 18 18 18 18	28 28 27 27 27	37 37 36 36 36	47 46 46 45 45	56 55 55 54 53	65 64 64 63 62	74 74 73 72 71	84 83 82 81 80	48 47 46 45 44	5554	10 9 9 9	14 14 14 14 13	19 19 18 18 18	24 24 23 23 22	$\begin{array}{c} 28 \\ 28 \end{array}$	34 33 32 32 31	38 38 37 36 35	43 42 41 41 40
88 87 86 85 84	9999	18 17 17 17	26 26 26 26 25	35 35 34 34 34	44 43 43 42	53 52 52 51 50	62 61 60 60 59	70 70 69 68 67	79 78 77 77 76	43 42 41 40 39	4 4 4 4 4	9 8 8 . 8	13 13 12 12 12	17 17 16 16 16	21 21 20	26 25 25 24 23	30 29 29 28 27	34 34 33 32 31	39 38 37 36 35
83 82 81 80 79	8 8 8 8	17 16 16 16	25 25 24 24 24	33 32 32 32	42 41 41 40 40	50 49 49 48 47	58 57 57 56 55	66 65 64 68	75 74 73 72 71	38 37 36 35 34	4 4 4 8	8 7 7 7	11 11 11 11	15 15 14 14 14	19 19 18 18 17	23 22 22 21 20	27 26 25 25 25	30 30 29 28 27	34 33 32 32 31
78 77 76 75 74	8 8 8 7	16 15 15 15 15	23 28 23 23 22	31 30 30 30	39 39 38 38	47 46 46 45 44	55 54 53 53 52	62 62 61 60 59	70 69 68 68 67	33 32 31 30 29	3 3 3 8 3	7 6 6 6 6	10 10 9 9	13 13 12 12 12	15		23 22 22 21 20	26 26 25 24 23	30 29 28 27 26
73 72 71 70 69	7 7 7 7	$\frac{14}{14}$	22 22 21 21 21	29 29 28 28 28	37 36 36 35 85	44 43 42 41	51 50 50 49 48	58 58 57 56 55	66 65 64 63 62	28 27 26 25 24	3 3 3 2	6 5 5 5	8 8 8 7	11 11 10 10	14 14 13 13 12	16 16 15	20 19 18 18 17	22 22 21 20 19	25 24 23 23 22
68 67 66 65 64	7 7 7 7 0	14 13 13 13	20 20 20 20 19	27 27 26 26 26	34 34 33 33 32	41 40 40 89 38	48 47 46 46 45	54 54 53 52 51	61 60 59 59 58	23 22 21 20 19	2 2 2 2	5 4 4 4	7 7 6 6 6	9 9 8 8 8	11 11 10	14 13 13 12 11	16 15 15 14 13	18 18 17 16 15	21 20 19 18 17
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No.		·0	·1	·2	·3	•4	·5 	·6	.7	·8 		D.
55	0.5	3 4064	4084	4103	4123	4142	4162	4181	4201	4220	4240	19
6		4259	4278	4297	4316	4336	4355	4374	4393	4412	4431	18
7		4449	4468	4487	4506	4524	4543	4562	4580	4599	4617	19
8		4636	4654	4673	4691	4709	4727	4746	4764	4782	4800	18
9		4818	4836	4854	4872	4890	4908	4926	4944	4961	4979	18
60 1 2 3 4		4997 5172 5343 5511 5676	5015 5189 5860 5528 5692	5032 5206 5377 5545 5709	5050 5224 5394 5561 5725	5067 5241 5411 5578 5741	5085 5258 5428 5594 5757	5102 5275 5445 5611 5773	5120 5292 5461 5627 5790	5137 5309 5478 5643 5806	5155 5326 5495 5660 5822	17 17 16 16
5 6 7 8 9		5838 5996 6152 6305 6455	5854 6012 6167 6320 6469	5870 6028 6183 6335 6484	5886 6043 6198 6350 6499	5902 6059 6213 6365 6514	5917 6074 6229 6380 6529	5933 6090 6244 6395 6543	5949 6106 6259 6410 6558	5965 6121 6274 6425 6573	598/ 5981 6136 6289 6440 6587	15 16 16 15
70		6602	6617	6631	6646	6660	6675	6689	6704	6718	6732	15
1		6747	6761	6775	6790	6804	6818	6832	6847	6861	6875	14
2		6889	6903	6917	6931	6945	6959	6973	6987	7001	7015	14
3		7029	7043	7056	7070	7084	7098	7112	7125	7139	7153	13
4		7166	7180	7194	7207	7221	7234	7248	7261	7275	7288	14
5		7802	7315	7828	7842	7355	7368	7882	7895	7408	7421	14
6		7435	7448	7461	7474	7487	7500	7513	7526	7539	7552	13
7		7565	7578	7591	7604	7617	7630	7649	7656	7669	7681	18
8		7694	7707	7720	7732	7745	7758	7771	7783	7706	7809	12
9		7821	7834	7846	7859	7871	7884	7896	7909	7921	7934	12
80		7946	7958	7971	7983	7995	8008	8020	8032	8044	8057	12
1		8069	8081	8098	8105	8118	8130	8142	8154	8166	8178	12
2		8190	8202	8214	8226	8238	8250	8262	8274	8286	8297	12
3		8309	8821	8388	8345	8356	8368	8380	8392	8403	8415	12
4		8427	8438	8450	8462	8478	8485	8496	8508	8520	8531	12
5 6 7 8 9		8543 8657 8769 8880 8990	8554 8668 8781 8891 9001	8566 8679 8792 8902 9012	8577 8691 8803 8918 9022	8589 8702 8814 8924 9038	8600 8718 8825 8935 9044	8611 8725 8836 8946 9055	8623 8736 8847 8957 9066	8684 8747 8858 8968 9076	8646 8758 8869 8979 9087	11 11 11 11
90		9098	9109	9119	9180	9141	9151	9162	9173	9183	9194	10
1		9204	9215	9225	9286	9247	9257	9268	9278	9289	9299	10
2		9309	9320	9880	9841	9351	9361	9372	9382	9893	9403	10
3		9413	9423	9484	9444	9454	9465	9475	9485	9495	9505	11
4		9516	9526	9586	9546	9556	9568	9576	9586	9596	9607	11
5	0.8	9617	9627	9637	9647	9657	9667	9677	9687	9696	9706	10
6		9716	9726	9736	9746	9756	9766	9776	9785	9795	9805	10
7		9815	9825	9834	9844	9854	9864	9878	9883	9893	9902	10
8		9912	9922	9931	9941	9951	9960	9970	9979	9889	9999	9
9		0008	0018	0027	0087	0046	0056	0065	0075	0084	0094	9
100	*************	0108	0112	0122	0131	0141	0150	0159	0169	0178	0187	10

D.	1	2	3	4	5	6	7	8	9
20 19 18 17 16	2 2 2 2 2	4 4 4 3 3	6 5 5 5	8 8 7 7 6	10 10 9 9	12 11 11 10 10	14 13 13 12 11	16 15 14 14 13	18 17 16 15 14
15 14 13 12 11	2 1 1 1	3 3 8 2 2	5 4 4 4 3	6 6 5 5 4	8 7 7 6 6	9 8 8 7 7	11 10 9 8 8	12 11 10 10	14 13 12 11 10
10	1 1	2 2	3	4	5 5	6 5	7 6	8 7	9 8

L	سدر	V	J.J.	

No.		0.0	1.0	2.0	3.0	4:0	5.0	6.0	7.0	8.0	9.0	D.
10	0.3	0103	0197	0289	0381	0471	0561	0649	0736	0828	0908	85
1		0993	1076	1159	1241	1321	1401	1481	1559	1636	1713	76
2		1789	1865	1939	2013	2086	2158	2230	2301	2871	2440	69
3		2509	2578	2645	2712	2779	2845	2910	2975	3039	3103	63
4		3166	3228	3290	3351	3412	3473	3533	3592	3651	3710	58
5		3768	3825	3882	3939	3995	4051	4106	4161	4216	4270	54
6		4324	4377	4430	4482	4534	4586	4637	4688	4739	4789	50
7		4839	4889	4938	4987	5035	5084	5132	5179	5226	5278	47
8		5320	5366	5412	5458	5503	5548	5593	5638	5682	5726	44
9		5770	5813	5856	5899	5942	5984	6026	6068	6110	6151	41
20		6192	6233	6274	6314	6354	6394	6434	6473	6512	6551	39
1		6590	6629	6667	6705	6743	6781	6819	6856	6893	6930	37
2		6967	7003	7039	7075	7111	7147	7183	7218	7253	7288	35
3		7323	7358	7392	7426	7460	7494	7528	7562	7595	7628	34
4		7662	7694	7727	7760	7702	7825	7857	7889	7924	7952	32
5		7984	8015	8046	8078	8109	8139	8170	8200	8231	8261	30
6		8291	8321	8351	8381	8410	8440	8469	8498	8527	8556	29
7		8585	8614	8642	8671	8699	8727	8755	8783	8811	8839	27
8		8866	8894	8921	8948	8975	9002	9029	9056	9083	9109	27
9		9136	9162	9188	9214	9241	9267	9202	9318	9344	9369	26
30	0.4	9395	9420	9445	9470	9495	9520	9545	9570	9595	9619	25
1		9644	9668	9692	9717	9741	9765	9789	9812	9836	9860	23
2		9883	9907	9930	9954	9977	*0000	*0023	*0046	*0069	*0092	23
3		0115	0137	0160	0182	0205	0227	0249	0271	0293	9315	22
4		0337	0359	0881	0403	0425	0 446	0468	0489	0510	0532	21
5		0553	0574	0595	0616	0687	0658	0679	0699	0720	0741	20
6		0761	0782	0802	0822	0848	0863	0883	0903	0923	0943	20
7		0963	0983	1002	1022	1042	1061	1081	1100	1120	1139	19
8		1158	1178	1197	1216	1235	1254	1273	1292	1310	1329	19
9		1348	1366	1385	1404	1422	1440	1459	1477	1495	1514	18
40		1532	1550	1568	1586	1604	1622	1640	1657	1675	1698	17
1		1710	1728	1745	1763	1780	1798	1815	1832	1850	1867	17
2		1884	1901	1918	1935	1952	1969	1986	2003	2019	2036	17
3		2053	2069	2086	2103	2119	2136	2152	2168	2185	2201	16
4		2217	2233	2249	2266	2282	2298	2314	2830	2846	2361	16
5		2377	2393	2409	2424	2440	2456	2471	2487	2502	2518	15
6		2583	2549	2564	2579	2594	2610	2625	2640	2655	2670	15
7		2685	2700	2715	2730	2745	2760	2775	2789	2804	2819	15
8		2884	2848	2863	2877	2892	2906	2021	2035	2950	2964	14
9		2978	2993	3007	3021	3085	3050	3064	3078	3092	8106	14
50		3120	3184	3148	3162	3175	3189	3203	3217	3231	8244	14
1		3258	3272	3285	3299	3312	3926	3339	3353	3366	8380	18
2		3393	8406	3420	3483	3446	3459	3473	3486	3499	8512	18
3		3525	8538	3551	3564	3577	3590	3608	3616	3629	8642	12
4		3654	8667	3680	3693	3705	3718	8731	3743	3756	8768	12
5		3781	8793	8806	3818	3831	3843	8855	3868	8880	3892	18

D.	1	2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9
94 92 90 88 87	9 9 9 9	19 18 18 18 17	28 28 27 26 26	38 37 36 35 35	47 46 45 44 44	$\frac{54}{53}$	66 64 63 62 61	75 74 72 70 70	85 83 81 79 78	46 45 44 43 42	5 4 4 4	9 9 9 9 8	14 14 13 13	18 18 18 17	23 23 22 22 21	28 27 26 26 25	32 32 31 30 29	37 36 35 34 34	41 41 40 39 38
85 83 82 80 78	9 8 8 8 8	17 17 16 16 16	26 25 25 24 23	34 33 33 32 31	43 42 41 40 39	51 50 49 48 47	60 5.8 57 56 55	68 66 66 64 62	77 75 74 72 70	41 40 39 38 37	4 4 4	8 8 8 7	12 12 12 11 11	16 16 16 15 15	21 20 20 19 19	25 24 23 23 22	29 28 27 27 26	33 32 31 30 30	37 36 35 34 33
77 76 74 78 72	8 8 7 7 7	15 15 15 15 14	23 23 22 22 22	31 30 30 29 29	39 38 37 37 36	46 46 44 44 48	54 53 52 51 50	62 61 59 58 58	69 68 67 66 65	36 35 34 33 32	4 4 3 3 3	7 7 7 7 6	11 10 10 10	14 14 14 13	18 18 17 17 16	22 21 20 20 19	25 25 24 23 22	29 28 27 26 26	32 32 31 30 29
71 70 69 68 67	7 7 7 7 7	1.4 1.4 1.4 1.4 1.3	21 21 21 20 20	28 28 28 27 27	36 35 35 34 34	43 42 41 41 40	50 49 48 48 47	57 56 55 54 54	64 63 62 61 60	31 30 29 28 27	3 3 3 3 3	6 6 6 5	9 9 8 8	12 12 12 11	16 15 15 14 14	19 18 17 17 16		25 24 23 22 22	28 27 26 25 24
66 65 64 63 62	7 7 6 6 6	18 13 13 13 12	20 20 19 19	26 26 26 25 25	33 33 32 32 31	40 89 88 38 37	46 46 45 44 43	53 52 51 50 50	59 59 58 57 56	26 25 24 23 22	3 2 2 2 2	5 5 5 4	8 7 7 7	10 10 10 9	13 13 12 12 11	16 15 14 14 13	$\begin{array}{c} 17 \\ 16 \end{array}$	21 20 19 18 18	23 23 22 21 20
61 60 59 58 57	6 6 6	12 12 12 12 12	18 18 18 17	24 24 24 23 23	31 30 30 29 29	37 36 35 35 34	43 42 41 41 40	49 48 47 46 46	55 54 53 52 51	21 20 19 18 17	2 2 2 2	4 4 4 8	6 6 5 5	8 8 7 7	11 10 10 9	13 12 11 11 10	14 13 13	17 16 15 14 14	19 18 17 16 15
56 55 54 53 52	6 6 5 5	11 11 11	17 17 16 16	22 22 22 21 21	28 28 27 27 26	34 33 32 32 31	39 39 38 37 36	45 44 43 42 42	50 49 48	16 15 14 13 12	2 2 1 1 1	8 8 8 3 2	5 4 4 4	6 6 5 5	8 7 7 6	10 9 8 8 7	11 11 10 9 8	13 12 11 10 10	14 14 13 12 11
51 50 49 48 47	5555	10 10 10	15 15 14	20 20 10	$\frac{25}{25}$	29 29	35 34 34	41 40 39 38 38	$\frac{45}{44}$										
L										1								20	3

LOLOGS.

No.	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	D.
55 6 7 8 9	0.4 3781 3905 4026 4145 4261	3793 3917 4038 4157 4273	3806 3929 4050 4168 4284	3818 3941 4062 4180 4296	3881 3953 4074 4192 4307	3848 3966 4086 4203 4319	3855 3978 4098 4215 4330	3868 3990 4109 4227 4342	3880 4002 4121 4238 4353	3892 4014 4133 4250 4364	13 12 12 11 11
60 1 2 3 4	4376 4488 4598 4706 4812	4387 4499 4609 4716 4822	4398 4510 4619 4727 4833	4409 4521 4630 4738 4843	4421 4532 4641 4748 4853	4432 4548 4652 4759 4864	4443 4554 4663 4769 4874	4454 4565 4673 4780 4885	4465 4576 4684 4791 4895	4477 4587 4695 4801 4905	11 11 11 11 11
5 6 7 8 9	4916 5018 5118 5217 5314	4926 5028 5128 5227 5324	4936 5038 5138 5237 5333	4947 5048 5148 5246 5843	4957 5058 5158 5256 5358	4967 5068 5168 5266 5362	4977 5078 5178 5276 5372	4987 5088 5188 5285 5381	4998 5098 5198 5295 5391	5008 5108 5207 5805 5400	10 10 10 9 10
70 1 2 3 4	5410 5504 5596 5687 5777	5419 5513 5605 5696 5785	5429 5522 5614 5705 5794	5438 5532 5624 5714 5803	5447 5541 5633 5723 5812	5457 5550 5642 5732 5821	5466 5559 5651 5741 5880	5476 5569 5660 5750 5838	5485 5578 5669 5759 5847	5494 5587 5678 5768 5856	10 9 9 9
5 6 7 8 9	5865 5952 6037 6121 6204	5873 5960 6046 6180 6213	5882 5969 6054 6138 6221	5891 5977 6062 6146 6229	5900 5986 6971 6155 6237	5908 5994 6079 6168 6245	5917 6003 6088 6171 6258	5926 6012 6096 6179 6262	5934 6020 6105 6188 6270	5943 6029 6113 6196 6278	9 8 8 8
80 1 2 8 4	6286 6367 6446 6525 6602	6294 6375 6454 6532 6610	6302 6388 6462 6540 6617	6310 6391 6470 6548 6625	6318 6399 6478 6556 6633	6326 6407 6486 6563 6640	6335 6415 6493 6571 6648	6343 6422 6561 6579 6655	6351 6430 6509 6587 6663	6359 6438 6517 6594 6671	8 8 8 8
5 6 7 8 9	6678 6753 6828 6901 6973	6686 6761 6835 6908 6980	6693 6708 6842 6915 6988	6701 6776 6850 6928 6995	6768 6783 6857 6930 7002	6716 6791 6864 6937 7009	6728 6798 6872 6944 7016	6731 6805 6879 6951 7 023	6788 6813 6886 6959 7080	6746 6820 6894 6966 7038	7 8 7 7
90 1 2 3 4	7045 7115 7185 7253 7321	7052 7122 7192 7260 7328	7059 7129 7199 7267 7885	7066 7136 7205 7274 7342	7078 7143 7212 7281 7848	7080 7150 7219 7288 7355	7087 7157 7226 7294 7362	7094 7164 7233 7301 7368	7101 7171 7240 7308 7875	7108 7178 7247 7315 7882	7 7 6 6 6
5 6 7 8 9	7388 7455 7520 7585 7649	7395 7461 7527 7591 7655	7402 7468 7538 7598 7662	7408 7474 7540 7604 7668	7415 7481 7546 7611 7674	7422 7488 7553 7617 7681	7428 7494 7559 7628 7687	7435 7501 7566 7630 7698	7442 7507 7572 7636 7700	7448 7514 7578 7648 7706	7 6 7 6 6
100	7 7 12	7718	7725	7731	7787	7748	7750	7756	7762	7768	7

р.	1	2	3	4	5	6	7	8	9
13 12 11 10 9	1 1 1 1	3 2 2 2 2	4 4 3 3	5 4 4	7 6 6 5	8 7 7 6 5	9 8 8 7 6	10 10 9 8 7	12 11 10 9 8
8 7 6	1 1 1	2 1 1	2 2 2	3 3 2	4 4 3	5 4 4	6 5 4	6 6 5	7 6 5

ILLOLOGS OF NUMBERS

(ANTILOLOGS OF NUMBERS)

from $\overline{6}.0$ to 0.5 and from $\overline{6}.0$ to 0.5000.

6.0 - 1.0

No.		.0	-1	-2	.3	·4	.5	·6	.7	.8	.9
(6),11,4-35	0.99	9998 9977 9770 7700	9997 9971 9710 7105	9996 9964 9635 6357	9995 9954 9541 5416	9994 9942 9422 4233	9993 9927 9272 2745	9991 9908 9084 0875	9988 9884 8847	9985 9855 8548	9982 9817 8173

No.		0	1	2	3	4	5	6	7	8	9	D.
30	0.9	977	976	976	975	975	974	974	973	972	972	1
1		971	970	970	969	968	968	967	966	965	964	1 0 1 2 2
3		964	963	962	961	960	959	958	957	956	955	1
- 3		95·t	953	952	951	950	949	947	946	945	944	2
-1		942	941	940	938	937	935	934	932	931	$\boldsymbol{929}$	2
ä		927	926	924	922	920	919	917	915	913	911	2 3 3
6		909	907	904	902	900	898	895	893	890	888	3
177		885	883	880	877	874	871	868	865	862	859	3
8		856	852	849	846	842	838	835	831	827	823	4
\$		819	815	810	806	801	797	792	787	783	777	4 5
2:0	ŀ	772	767	762	756	751	745	739	733	727	721	7
1	İ	714	708	701	694	687	680	673	665	657	650	8
2		642	633	625	61.7	608	599	590	580	571	561	10
3	l	551	541	530	520	509	498	486	475	463	450	12
-\$	ĺ	438	425	412	399	386	372	857	343	328	313	15
5	ļ	298	282	266	249	283	215	198	180	162	143	19
- 6	1	124	1.05	085	064	044	023	001	*979	*956	*934	24
7	0.8	910	886	862	837	811	785	759	732	705	676	28
8		648	619	589	558	527	496	464	431	397	868	35
9		329	293	257	220	183	145	106	066	026	*985	42
1-0	0.7	943	901	858	814	76 9	723	677	630	582	533	49

D.	1	2	3	4	5	G	7	8	9	1).	1	2	3	4	5	6	7	8	9
5	1	1	2	2	8	8	4	4	5	24	2	5	7	10	12	14	1.7	1,9	22
6	1	1.	2	2	8	4	4	5	5	25	8	5	8	10	13	15	1.8	20	23
7	1	1	2	3	4	4	5	6	6	26	8	5	8	10	13	16	1.8	21	23
8	1	2	2	3	4	5	6	6	7	27	3	5	8	11	14	16	1.9	22	24
9	1	2	3	4	5	5	6	7	8	28	3	6	8	11	14	17	20	22	25
10	1	2	8	4	5	6	7	8	9	29	8	6	9	12	15	17	20	23	26
11	1	2	8	4	6	7	8	9	10	80	3	6	9	12	15	18	21	24	27
12	1	2	4	5	6	7	8	10	11	31	8	6	9	12	16	1.9	22	25	28
18	1	8	4	5	7	8	9	10	12	82	8	6	10	13	16	19	22	26	29
14	1	3	4	6	7	8	10	11	13	33	8	7	10	13	17	20	23	26	30
15	2	3	5	6	8	9	11	12	14	34	8	7	1.0	14	17	20	24	27	31
16	2	3	5	6	8	10	11	13	1.4	35	4	7	11	14	1.8	21	25	28	32
17	2	8	5	7	9	10	12	14	15	86	4	7	11	14	18	22	25	29	32
18	2	4	5	7	9	11	13	14	16	37	4	7	11	15	19	22	26	30	33
1.9	2	4	6	8	10	11	13	15	17	38	4	8	11	15	19	23	27	30	34
20	2	4	6	8	10	12	14	16	1.8	89	4	8	12	16	20	23	27	31	35
21	2	4	6	8	11	13	15	17	19	40	4	8	12	16	20	24	28	32	36
22	2	4	7	9	11	13	1,5	18	20	41	4	8	12	16	21	25	29	33	37
23	2	5	7	9	12	1.4	16	18	21	42	4	8	13	1.7	21	25	29	34	38

I·00-0·00 ILLOLOGS (Antilologs).

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
ļ	-		***************************************			market on the foliage							
1.00	0.7	7 943	939	935	931		922	918	914			4	4
1		901	897	892	888		879	875	871	866		4	- T
2	1	808	853		844		836	831	827			4	1 0
3		814	809	805	800		791 746	$\begin{array}{c} 787 \\ 742 \end{array}$	782 737	$\begin{array}{c} 778 \\ 732 \end{array}$		5	8 1
4		769	764	760	755	751	140	194				1	1 0 1 1 8 1 1 4 2 6 2 7 8 8 8 8 9 4
5		723	719	714	709	705	700	696	691	686		5	6 2
6	1	677	672	668	663	658	653	649	644	639		5	7 3
7		630	625	620	615	611	606	601	596	591	587	5	9 4
8		582	577	572	567	562	558	553	548	548		5	
9		533	528	523	518	513	508	503	498	494	489	5	5
1.10		484	479	474	469	464	458	453	448	443	438	5	-
1	1	488	428	423	418	413	408	403	397	392	387	5	3 2
2		382	377	372	366	361	356	351	346	340	835	15	4 3
3	1	330	325	319	814	309	304	298	293	288	282	5	6 3
4		277	272	266	261	256	250	245	240	234	229	6	1 1 1 1 1 3 2 4 2 5 8 7 4 8 4 9 5
5	ĺ	223	218	213	207	202	196	191	185	180	174	5	8 4
6		169	163	158	152	147	141	136	130	125	119	5	" " "
7	j	114	108	102	097	091	080	080	074	069	063	6	l
8	ŀ	057	052	046	040	085	020	023	018	012	006	-6	6
9		000	*995	*989	*983	*977	*971	*966	*960	*954	*948	6	1 1
1.20	0.6	942	987	981	925	919	918	907	901	895	890	6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1		884	878	872	866	800	854	848	842	836	830	-6	6 8
2		824	818	812	806	800	794	788	782	776	770	()	8 4
3	l	764	757	751	745	739	733	727	721	715	708	6	7 4
4		702	696	690	684	677	671	665	659	653	646	6	6 4 7 4 8 5 9 5
- 5	Ì	640	634	628	621	615	609	602	596	590	583	6	-
6		577	571	564	558	552	545	539	632	526	520	7	7
7		513	507	500	494	487	481	474	468	461	455	7	1 1 1
8		448	442	435	429	422	416	409	403	396	389	6	1 1 2 1 3 2
9	1	388	376	370	368	356	350	343	336	330	323	7	2 1 2 2 4 8 6 4
1.30		316	310	303	296	290	283	276	269	263	256	7	4 8 5 4 6 4 7 5
1		249	242	236	229	222	215	208	202	195	188	7	7 6
2		181	174	167	161	154	147	140	133	126	119	7	8 0
3		112	105	098	091	086	078	071	064	057	050	7	9 0
4		043	036	029	022	014	007	000	*993	*986	*979	7	
5	0.5	972	965	958	951	944	937	929	922	915	908	7	8
6		901	894	886	879	872	865	858	850	843	886	7	1 1
7		829	822	814	807	800	792	785	778	771	768	7	1 1 2 2 3 2
8		756	749	741	734	727	719	712	705	697	690	8	4 8
9		682	675	668	660	658	645	688	630	623	616	8	6 4
1.40		608	601	593	586	578	571	568	556	548	541	н	6 6 7 6 8 6
1		588	525	518	510		495		480	472	465	н	9 7
2		457	450	442	484	427	419	411	404	396	888	7	
3		881	373	365	858	350	842	335	327	819	811	7	9
4		304	296	288	280	278	265	257	249	242	284	8	economicana
5		226	218	210	202	195	187	179	171	163	155	7	1 1 2 3 3
6		148	140	182	124	116	108	100	092	084	076	8	8 3
7		068	180	058	045	087	029	021	013		+997	8	5 5
8	0.4	989	981	978	965	957	949	941	988	925	917	8	0 0
9		909	901	893	885	877	868	860	852	844	836	8	4 4 5 6 5 7 6 8 7
T-50		828	820	812	804	796	788	779	771	763	755	8	9 8
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No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1.50	0.4	828 747	820 739	81.2 731	804 722	796 714	788 · 706	698	771 690	763 682	755 673	8 8	
$\frac{2}{3}$		665 583 501	$657 \\ 575 \\ 492$	$649 \\ 567 \\ 484$	641 558 476	632 550 467	$624 \\ 542 \\ 459$	$616 \\ 534 \\ 451$	$608 \\ 525 \\ 443$	600 517 434	591 509 426	8 8	9
5 6 7		$418 \\ 334 \\ 251$	$\frac{409}{326}$ $\frac{242}{242}$	401 318 234	393 309 226	384 301 217	376 293 209	$\frac{368}{284}$	$359 \\ 276 \\ 192$	351 267 184	$343 \\ 259 \\ 175$	9 8 8	1 1 2 3 4 5 5 7 8 7 9 8
8 9		167 083	158 074	150 066	$\frac{142}{057}$	$\begin{array}{c} 133 \\ 049 \end{array}$	$\begin{array}{c} 125 \\ 041 \end{array}$	116 032	$\begin{array}{c} 108 \\ 024 \end{array}$	100 015	091 007	8 9	6 5 7 6 8 7 9 8
1·60 1 2	0.3	$\begin{array}{c} 914 \\ 829 \end{array}$	990 906 821	$982 \\ 897 \\ 812$	973 889 804	965 880 796	956 872 787	$948 \\ 863 \\ 779$	939 855 770	$931 \\ 846 \\ 762$	922 838 753	8 9 8	
3 4		745 660	736 652	728 643	719 635	711 626	702 618	609	685 601	677 592	668 584	8 9	1 1 2 2
5 6 7		575 491 406	567 482 398	558 474 389	550 465 381	$\frac{541}{457}$	533 448 364	525 440 356	516 432 347	508 423 339	499 415 330	8 9 8	1 1 2 2 3 4 8 5 4 6 5 7 6 8 0 7
9		322 238	813 229	305 221	296 212	288 204	280 196	271 187	263 179	254 170	246 162	8 8	8 8 7
1·70 1 2	0.2		145 062 978	187 053 970	129 045 962	120 037 954	112 028 945	103 020 937	095 012 929 846	920	912	8 8	7_
3 4 5		904 821 739	896 813 731	887 805 723	879 797 715	871 789 707	868 780 699	854 772 691	764 682	838 756 674	830 748 666	9 9	1 1 2 3 2 4 8 5 4 6 7 5
6 7 8		658 577 497	650 569 489	642 561 481	634 553 478	626 545 465	618 537 457	609 529 449	601 521 441	593	585 505 426	8 8	1 1 1 1 2 3 4 8 5 4 4 7 5 8 6 9 6
9 1-80		41-8 339	410 331	402 323	394	386	378 300	370 292	363 284	355 277	347 269	8	9 6
1 2 3 4		261 184 108 033	253 177 101 026	246 169 093 018	238 161 086 011	230 154 078 003	228 146 071 *996	215 139 063 *989	207 131 056 *981	$\frac{200}{123}$	192 116 041 *966	8 8 8 7	6 1 1 2 1 3 2
5 6 7 8	0.1	959 886 814 744	952 879 807 736	944 872 800 730	937 864 793 723	930 857 786 716	922 850 779 709	915 843 772 702	908 836 765 695	901 829 758 688	893 821 751 681	7 7 7 7	1 1 1 1 3 2 4 2 5 8 4 7 4 5 5 5 5
9 1.90		606	599	660 592	653 585	647 579	640 572	633 565	626 559	619 552	612 545	6 7	5
1 2 3 4		539 473 409 346	532 467 402 840	526 460 396 334	519 454 390 327	512 447 884 321	506 441 877 315	499 434 371 309	493 428 365 303	486 422 358 297	480 415 352 291	6 6	1 1 1
5 6		285 225	278 219	272 213	266 207	260 201	254 195	248 189	24 2 184	236 178		6	2 1 3 2 4 2 6 8 7 4 8 6 8 6
7 8 9		166 109 054	160 104 048	155 098 048	149 092 088	143 087 032	137 081 027	132 076 021	126 070 016	120 065 011	059	6 5 5	0 5
0.00		000											

UU —	0.2		J	LL	OL	၁ၒ၁	(1111	(1101	ပဠာ	<i>7</i> •			
No.		0	1	2	3	4.	5	6	7	8	9	D.	P.P.
0.00	0.1	000	*995	*989	*984	*979	*974	*968	*963	*958	*953	5	. to of a district on
1	0.0		943	938	932	927	922	917	912	907	902	5	
:	1 00	897	892	887	882	877	872	868	863	858	853	5	5
3	4	848	843	839	834	829	824	820	815	810	805	4	111
4	1	801	796	792	787	782	778	773	769	764	760	5	3 1
fi.		755	751	746	742	787	733	728	724	720	715	4	8 2 4 2 5 3
		711	707	702	698	694	690	685	681	677	673	4	6 3
6 7	1	669	664	660	656	652	648	644	640	636	632	4	7 4 8
8	1	628	624	620	61.6	612	608	604	600	596	592	4	8 4
9		588	585	581	577	573	569	566	562	558	555	4	
0.10		551	547	544	540	536	533	529	526	522	518	3	4
1		515	511	508	504	50.1	498	404	491	487	484	3	1 1 0
2	1	481	477	474		407	464	461	457	494	451	3	2 1
:;		448	445		438	435	432	429	426	423	420	3	3 1
·ŧ		417	413	410	407	404	401	398	396	393	390	3	4 2 6 2 6 2 7 3
į,		387	384	381	378	375	372	370	367	364	361	2	6 2 7 3 8 3
6		359	356	353	350	348	345	342	340	337	334	22	
6 7.		332	329	327	324	322	319	316	314	314	309	2	10 4
8		307	304	302		297	294	292	290	287	285	2	
()		283	280	278	27 6	273	271	269	267	264	262	22	3
0.20		260	258	256	254	251	240	217	245	243	241	2	1 0
1		239	287	235	233	231	229	227	225	223	221	2	2 1 1 3 1
4.3		219	217	215	213	211	210	208	206	204	202	2 2	ili
;;		200		197	195	193	191	190	188	186	185		5 2
-1		183	181	180	178	176	175	173	171	170	168	1	2 1 3 1 4 1 5 2 7 2 8 2 9 8
b		167	165	108	162	160	159	157	156	154	153	2	H 2 0 8
6		151	150			146	144	143	141	140	139	2	
7 8	1	137					131	129	128	127	126	2	
8		124				119	118	117	116	115	113	1	2
9		112	111	110	109	108	107	105	104	103	102	1	1 0

Subtract Proportional Parts.

 $\begin{array}{c} \mathbf{073} \\ \mathbf{020} \end{array}$

 $\begin{array}{c} \mathbf{081} \\ \mathbf{023} \end{array}$

 $\begin{array}{c} 040 \\ 010 \end{array}$

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0.30

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ILLOLOGS (Antilologs).

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0.		.0	·1	·2	•3	•4	•5	•6	.7	.8	.9
3	0	0002 0023 0231 02305	0003 0029 0290 2903	0004 0036 0365 3656	0005 0046 0459 4605	0006 0058 0578 5801	0007 0073 0728 7308	0009 0092 0917 9209	0012 0116 1155 *1607	0015 0145 1454 *4634	0018 0183 1831 *8458

No.	0	1	2	3	4	5	6	7	8	9 ·	D.
2.0	1. 023	024	024	025	026	026	027	027	028	029	
ì	029	030	031	032	032	033	034	035	035	036	0
2 3	037 047	$\begin{array}{c} \textbf{038} \\ \textbf{048} \end{array}$	$039 \\ 049$	$\begin{array}{c} 040 \\ 050 \end{array}$	$041 \\ 052$	$042 \\ 053$	$043 \\ 054$	$044 \\ 055$	$045 \\ 057$	046 ·058	1 2
4	060	061	062	064	065	067	069	070	072	074	2
5	076	077	079	081	083	085	087	089	091	094	12
6	096	008	101	108	106	108	111	114	117	119	. 3
7	122	125	128	132	- 135	188	142	145	149	153	3
8	156	160	164	168	173	177	1.82	186	191	196	5
0	201	206	211	21.7	222	228	234	240	246	252 ·	7
ī.0	259	266	273	280	287	295	303	31.1	319	327	9

D.	1	2	3	4	5	6	7	8	9
2 3 4 5 6 7 8 9	0 0 0 1 1 1 1 1 1 1	0 1 1 1 1 2 2	1 1 2 2 2 2 2 3	1 1 2 2 2 3 4	1 2 2 3 4 4 5	1 2 2 8 4 4 5	1 2 3 4 4 5 6	2 3 4 5 6 7	2 3 4 5 6 7 8

Add Proportional Parts.

												
No.	0	1	2	3	4	5	6	7	8	9	1).	P.P.
<u>1</u> .00	1. 259	260	260	261	262	262	263	264	264	1 265	1	2 3 4
1	266	266	267	268	268	269	270	271	271		i	
2	273		274	275	276	276	277	278	278		1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
3 4	280 287	$\begin{array}{c} 281 \\ 288 \end{array}$	281 289	282 289	$\frac{283}{290}$	$\frac{283}{201}$	$\begin{array}{c} 284 \\ 292 \end{array}$	$\begin{array}{c} 285 \\ 292 \end{array}$	280		1	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
*	201	400	400	400	200	201	202	202	298	3 294	1	$ \begin{vmatrix} 1 & 0 & 0 & 0 & 0 \\ 2 & 0 & 0 & 1 & 1 \\ 3 & 1 & 1 & 1 & 2 \\ 4 & 1 & 1 & 2 & 2 \\ 5 & 1 & 2 & 2 & 2 \\ 7 & 1 & 2 & 2 & 3 \\ 7 & 1 & 2 & 2 & 3 \\ 8 & 2 & 2 & 3 & 4 \\ 0 & 2 & 3 & 4 \\ \end{vmatrix} $
5	295	296	296	297	298	299	299	300	301		1	7 1 2 3 8 2 2 3
6	303		304	305	306	307	307	308	309		1	0 2 3 4
7 8	311 319		$\begin{array}{c} 312 \\ 321 \end{array}$	$\begin{array}{c} 313 \\ 321 \end{array}$	$\begin{array}{c} 314 \\ 322 \end{array}$	$\frac{315}{323}$	$\frac{316}{324}$	$\frac{316}{325}$	$\begin{array}{c} 317 \\ 320 \end{array}$		0	6 7 8
9	327	328	329	330	331	332	333	334	334		ĭ	1 1 1 1
ī·10	336	337	388	339	9.40	0.11	0.10	0.40	0.46			1
1.10	345	346	347	348	$\frac{340}{349}$	341 350	$\begin{array}{c} 342 \\ 351 \end{array}$	343 352	349 353		1	5 8 4 4
2	355	856	357	357	358	859	360	361	362		î	6 4 4 5
3	364	865	366	367	368	369	370	371	872	373	1	6 4 4 5 7 4 5 6 8 5 0 6
4	374	875	376	377	378	379	380	381	382	383	1	
5	384	385	386	387	389	890	391	392	393	394	1	10 11 12 1
6	395	396	397	398	399	400	401	402	404	405	1.	1 1 1 1
7 8	406 417	407	408	409	410	411	412	414	415		1	1 1 1 1 2 2 2 2 3 8 8 4 4 4 4 5
9	429	418 430	419 431	420 432	$\begin{array}{c} 422 \\ 433 \end{array}$	423 434	$\frac{424}{436}$	$\frac{425}{437}$	426 438		2 1	5 5 6 6
1			2012	~~~	200		***	101	****	-100	*	6 6 7 7
1.20	440	442	443	444	445	447	448	440	450		2	7 7 8 8 8 9 10 1
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	453 465	454 467	455 468	$\frac{456}{469}$	$\frac{458}{471}$	$\frac{450}{472}$	$\frac{460}{473}$	$\frac{462}{475}$	$\frac{468}{476}$		1	0 0 10 11 1
8	479	480	481	483	484	485	487	488	480		2 1	14 15 16 1
4	492	498	495	496	498	499	500	502	503		i	1 1 2 2 2 2 3 8 8 8
5	506	507	509	510	512	513	515	516	518	519	1	9 4 8 8
6	520	522	523	525	526	528	529	531	532		i	6 7 8 8 9
7	585	537	538	540	541	548	545	546	548	549	2	6 8 9 10 10 7 10 11 11 12
8 9	551 567	552 568	554 570	555	557	559	560	562	563		2	N 11 12 13 1- U 13 14 14 1
	001	000	070	572	578	575	577	578	580	581	2	18 19 20 2
I-30	583	585	587	588	200	592	593	595	597	598	2	With the Party of
$egin{array}{c c} 1 \\ 2 \end{array}$	600 618	$\begin{array}{c} 602 \\ 620 \end{array}$	$\begin{array}{c} 604 \\ 621 \end{array}$	$\begin{array}{c} 605 \\ 623 \end{array}$	$\begin{array}{c} 607 \\ 625 \end{array}$	609	611	612	614	616	2	1 2 2 2 2 2 2 2 4 4 4 4 6 8 6 6 6 6
3	636	038	640	642	644	$\begin{array}{c} 627 \\ 645 \end{array}$	$\frac{620}{647}$	$\begin{array}{c} 681 \\ 649 \end{array}$	632 651	634 653	2 2	3 6 6 6 6
4	655	657	659	661	663	665	667	669	670	672	3	K O TO TO T
5	674	676	678	680	000	401	000	400				6 11 11 12 12 7 18 18 14 11 8 14 16 16 13 9 16 17 18 16
6	695	697	699	701	682 703	684 705	686 707	689 700	691 711	498 718	2 8	0 16 17 18 10
7	716	718	720	722	724	726	729	731	788	735	2	22 23 24 20
8	787	740	742	744	746	748	751	753	755	758	2	Price redesire governor ment precomment
9	760	762	764	767	769	771	774	776	778	781	2	1 2 2 2 2 2 2 2 4 6 5 6 8 7 7 7 8
T.40	783	786	788	790	798	795	798	800	802	805	2	4 [13 13 10 10
1	807	810	812	815	817	820	822	825	827		2	6 11 12 12 18 6 18 14 14 15
2	832	835	888	840	848	845	848	851	853	856	2	7 15 18 17 18
3 4	858 88 5	861 888	864 891	866 894	869 897	$872 \\ 899$	875 902	877	880	888	2	H 1M 1H 10 20 O 20 21 28 28
			00I	OUX	001	000	0 () 2	905	908	911	8	26 27 28 29
5	914	916	919	922	925	928	931	934	937	940	8	1 # # 3 8
6 7	943 973	946 976	$949 \\ 979$	$\frac{952}{982}$	955 985	958 989	961	964	967	970		2 6 6 6 6
8	2. 004	008	,011	014	017	989 021	$\begin{array}{c} 992 \\ 024 \end{array}$	$995 \\ 027$	081	*001		8
9	087	041	044	047	051	054	057	061	064	068	- 1	8 13 14 14 16 6 16 16 17 17
T-50	071	075	078	082	Vak	000				1		7 18 19 20 20
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				11	-LC	LO	GS (.	Antı	lolo	gs).		1	.00 - 0.00
No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
T·50	2.	071	075	078	082	085	089	092	096	099	103	4	30 31 32 33
1 2 3 4		107 144 182 222	110 147 186 226	114 151 190 230	118 155 194 234	121 159 198 238	125 163 202 243	129 166 206 247	132 170 210 251	136 174 214 255	140 178 218 259	4 4 4 5	1 3 3 3 3 3 2 6 6 6 7 3 9 9 10 10 4 12 12 13 13 5 15 16 16 17 6 18 19 19 20
5 6 7 8 9		264 307 353 400 449	268 312 357 405 454	272 316 362 410 459	277 321 367 414 465	281 325 371 419 470	285 330 376 424 475	290 334 381 429 480	294 339 385 434 485	298 343 390 439 490	303 348 395 444 496	4 5 5 5	6 18 19 19 20 7 21 22 22 23 8 24 25 26 26 9 27 28 20 30 34 35 36 37 1 3 4 4 4
T·60 1 2 3 4		501 555 611 670 732	506 560 617 676 739	512 566 623 683 745	517 572 629 689 751	522 577 635 695 758	528 583 641 701 764	533 588 646 707 771	538 594 652 713 777	544 600 658 720 784	549 606 664 726 790	6 5 6 6 7	2 7 7 7 7 7 8 10 11 11 11 4 14 14 14 15 5 17 18 18 19 6 20 21 22 22 7 24 25 25 26 8 27 28 29 30 9 31 32 32 33
5 6 7 8 9	3,	797 865 936 010 089	804 872 943 018 097	810 879 950 026 105	817 886 958 034 113	824 893 965 041 121	830 900 973 049 129	837 907 980 057 138	844 914 988 065 146	851 921 995 073 154	858 929 *003 081 163	7 7 7 8 8	38 39 40 41 1 4 4 4 4 2 8 8 8 8 3 11 12 12 12 4 15 16 16 16 5 19 20 20 21 6 28 23 24 25
T·70 1 2 3		171 257 348 444 544	179 266 358 454 555	188 275 367 468 565	196 284 376 473 576	205 293 386 483 586	214 302 395 493 597	222 811 405 504 607	231 320 415 514 618	240 330 424 524 629	248 339 434 534 640	9 9 10 10 10	6 28 23 24 25 7 27 27 28 20 8 30 31 32 33 9 84 85 30 37 42 43 44 45 1 4 4 4 5 2 8 9 9 9
5 6 7 8 9	4.	650 762 880 005 136	661 774 892 017 150	672 785 904 030 163	683 797 917 043 177	694 809 929 056 191	706 820 942 069 205	717 832 954 083 219	728 844 967 096 233	739 856 979 109 247	751 868 992 123 261	11 12 13 13 14	1 4 4 4 5 2 8 9 9 9 3 13 13 13 13 14 4 17 17 18 18 5 21 22 22 23 6 25 20 20 27 7 29 30 31 32 8 34 84 35 36 9 38 39 40 41
I·80 1 2 8 4		275 422 578 743 918	290 438 594 760 987	304 453 610 778 955	318 468 627 795 978	333 484 643 812 902	848 499 660 880 *010	363 515 676 847 *029	377 580 693 865 *047	392 546 710 883 *066	407 562 726 900 *085	15 16 17 18 19	46 47 48 49 1 5 5 5 5 5 2 0 9 10 10 3 14 14 15 4 18 19 19 20 5 23 24 24 25 6 28 28 29 20 7 32 33 34 34
5 6 7 8	5.	104 802 512 736	124 322 534 759	143 348 550 782	162 364 578 805	182 384 600 829	202 405 622 858 *009	221 426 644 877 *124	241 448 667 901 *150	261 469 690 925 *176	282 490 713 949 *202	20 22 23 25 26	8 87 88 38 89 9 41 42 43 44 50 51 52 53
1.90 1 2 3	6·	974 228 499 788 098 480	254 527 818 180 464	*023 281 555 849 163 499	*048 307 584 879 195 534	*073 884 612 910 228 569	361 641 941 261 604	388 670	416 699 *008 328 676	443 729	471 759 *066 895 748	28 29 32 35 37	1 5 5 5 5 5 5 2 10 10 10 11 13 15 15 16 16 4 20 20 21 21 5 25 26 20 27 6 80 81 87 8 40 41 42 42 9 45 46 47 48
5 6	0.	785 166	822 206	859 246	896 286	934 326				*088		39 42	54 55 56 57 1 5 6 6 6 2 11 11 11 11
8 9		575 016	618 061	661 108	704 154 639	748 201 689	791 248 740	836 296 791	880 344 848	925 392 895	970 440 947	46 49 58	8 10 17 17 17 4 22 22 22 28 5 27 28 28 20
0.00	10.	489 000	539 053	588 107	161	215	270	325	381	487	494	57	6 32 33 84 34 7 88 89 39 40 8 48 44 45 46 9 49 50 50 51

No.		0	1	2	3	4	5	6	7	8	9
0.00	1	0.00	0.05	0.11	0.16	0.22	0.27	0.33	0.38	0.44	0.49
1	-	0.55	0.61	0.67	0.72	0.78	0.84	0.90	0.96	1.02	1.08
$\tilde{2}$		1.15	1.21	1.27	1.33	1.40	1.46	1.53	1.59	1.66	1.72
3		1.79	1.86	1.93	1.99	2.06	2:13	2.20	2.27	$2 \cdot 3 \cdot 4$	2.42
4		2.49	2.56	2.63	2.71	2.78	2.86	2.93	3.01	3.09	3.17
5		3.24	3.32	3.40	3.48	3.56	3.65	3.73	3.81	3.90	3.98
6		4.07	4.1.5	4.24	4.33	4.41	4.50	4.59	4.68	1.77	4.87
7		4.96	5.05	5.15	5.24	5.34	5·43 6·45	0.53	5.63	5.73 6.77	5.83
8 9		$6.99 \\ 2.03$	6·03 7·10	$\frac{6\cdot 1\cdot 4}{7\cdot 22}$	$\frac{6.24}{7.33}$	$\frac{6.35}{7.44}$	7.56	6·56 7·68	6.66 7.79	7.91	8.08 8.08
0.10		8.15	8.27	8.40	8.52	8.65	8.77	8-90	9-03	9-16	9-29
1.		9.42	9.55	9.69	9.82	9.96				*0.52	*0.66
2	2	0.81	0.96	1.10	1.25	1.40	1.55	1.71	1.86	2.02	2.17
3	-	2.33	2.49	2.66	2.82	2.00	3-15	3.32	3.49	3.66	3.83
4		4.01	4.19	4.36	4.5.4	4.73	4.91	5.09	5.28	5.47	5.66
ß		5.85	6.05	6.25	6.44	6.64	6.85	7:05	7.26	7.17	7.68
6		7.89	8.10	8.82	8.54	8.76	8.99	9.21	9.44	0.67	0.90
7	3	0.14	0.38	0.62	0.86	1.10	1.35	1.60	1.85	2:11	2.37
8 9		2·63 5·38	2·80 5·68	3·15 5·97	8·42 6·27	$\frac{3.70}{6.57}$	3·97 6·88	4·25 7·18	4.53 7.50	4·81 7·81	5·10 8·13
0.20		8-45	8.77	9.10	9.43	9.77	*0.11	*0.45	*0-80	*1-15	*1.50
1.	4	1.86	2.22	2.59	2.96	3.33	3.71	4.09	4.48	4.87	5.27
2		5.67	6.07	6.48	6.89	$7 \cdot 31$	7.73	8:16	8.59	9.03	9.47
3		9.92	*0.37	*0.83	*1.29	*1.76	*2.23	*2.71	*3-19	*3:68	*4-18
4	5	4.68	5.18	5.70	6.21	6.7.4	7.27	7.81	8.35	8.90	9.46
Б	ß	0.02	0.59	1.16	1.75	2.34	2.93	3.54	4.15	4.76	6 39
6	~	6.02	6.67	7.31	7.97	8.63	9.31	9.99	40.68	*1.37	*2.08
7 8		$\frac{2.79}{0.44}$	8.52 1.26	4·25 2·08	4.99	5·74 3·77	6-50 4-63	7·27 5·50	8:04 6:38	8.83	$-9.63 \\ -8.18$
9	۳.				2.92 *1.91			*4.84		7·27 +6.85	
0.30	9	8-91	9.97	+1.04	*2-12	*3-21	44-33	*5-44	*6-68	+7-74	*8·90
0.30	(0)	98.9	*00.0	*01.0	+02-1	+08-2	+04/8	*05-4	+06.6	+07.7	+0×-0
1		10.1	11.3	125	13.7	15.0	16.2	17.5	18.8	20-1	31.5
2	_	22.8	24.2	25.6	27.0	28.4	29.9	813	32.8	34 3	35 8
3		37.4	39.0	40.5	42.2	43.8	45.5	47.1	48.8	៦០ ៥	52.3
4		54.1	55.9	57.7	59.0	61.4	63.3	65/3	67.2	69 2	712
5		73.3	75.3	77-1	79-6	81.7	83.9	86-2	HH 4	90.7	93 0
6		95.4		*00.3						+15-5	
7	2	20.0	23.7	26.5	20.3	32.2	35.2	38-1	41.2	44.2	47.4
8		50·5 84·9	53·7 88·6	$57.0 \\ 92.4$	60:3 96:3	63·7 *00·2	67·1 +04·2	70·5 *08·2	74 0 *12.8	77:6 *16:5	*20.7
0.40	3	25.0	29.4	33.8	38-3	42.9	47.5	52-2	57.0	61.9	66.8

0.00 - 0.40 ILLOLOGS (Anthologs).

_		_	_		-	_		_	٦	_		_		,	,			_	_
D.	1	2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9 —
11 12 13 14 15	1 1 1 2	2 2 3 3 3	3 4 4 4 5	4 5 5 6 6	6 6 7 7 8	7 7 8 8 9	8 8 9 10 11	9 10 10 11 12	10 11 12 13 14	61 62 63 64 65	6 6 6 7	12 12 13 13	18 19 19 19 20	24 25 25 26 26	31 31 32 32 33	37 37 38 38 39	43 43 44 45 46	49 50 50 51 52	55 56 57 58 59
16 17 18 19 20	2 2 2 2 2	3 4 4 4	5 5 6 6	6 7 7 8 8	8 9 9 10 10	10 10 11 11 12	11 12 13 13 14	13 14 14 15 16	14 15 16 17 18	66 67 68 69 70	7 7 7 7 7	13 13 14 14 14	20 20 20 21 21	26 27 27 28 28	33 34 34 35 35	40 40 41 41 42	46 47 48 48 49	53 54 54 55 56	59 60 61 62 63
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 2 2 3	4 4 5 5 5	6 7 7 7 8	8 9 9 10 10	11 11 12 12 13	13 13 14 14 15	15 15 16 17 18	17 18 18 19 20	19 20 21 22 23	71 72 73 74 75	7 7 7 7 8	14 14 15 15	21 22 22 22 23	28 29 29 30 30	36 36 37 37 38	43 43 44 44 45	52	57 58 58 59 60	64 65 66 67 68
26 27 28 29 20	3 3 3 3 3	5 6 6 6	8 8 8 9 9	10 11 11 12 12	13 14 14 15 15	16 16 17 17 18	18 19 20 20 21	21 22 22 23 24	23 24 25 26 27	76 77 78 79 80	8 8 8 8	15 16 16 16		30 31 31 32 32	38 39 39 40 40	46 46 47 47 48	53 54 55 55	$61 \\ 62 \\ 62 \\ 63 \\ 64$	68 69 70 71 72
31 32 33 34 35	3 3 3 3 4	6 6 7 7 7	9 10 10 10 11	12 13 13 14 14	16 16 17 17 18	19 19 20 20 21	22 22 23 24 25	25 26 26 27 28	28 29 30 31 32	81 82 83 84 85	8 8 8 9	16 16 17 17	24 25 25 25 26	32 33 33 34 34	41 41 42 42 43	49 49 50 50	57 57 58 59 60	65 66 66 67 68	73 74 75 76 77
36 37 38 39 40	4 4 4 4 4	7 7 8 8 8	11 11 11 12 12	14 15 15 16 16	18 19 19 20 20	22 23 23 23 23 24	25 26 27 27 28	29 30 30 31 32	32 33 34 35 36	86 87 88 89 90	9 9 9	17 17 18 18	26 26 26 27 27	34 35 35 36 36	43 44 44 45 45	52 53 53	60 61 62 62 63	69 70 70 71 72	77 78 79 80 81
11 -12 -43 -4-1 -45	4 4 4 5	8 9 9	12 13 13 13	16 17 17 18 18	21 21 22 22 23	25 25 26 26 27	29 30 31 32	33 34 34 35 36	37 38 39 40 41	91 92 93 94 95	9 9 9 9 10	18 18 19 19	27 28 28 28 29	36 37 37 38 38	46 46 47 47 48	55 56 56 56	64 64 65 66 67	73 74 74 75 76	82 83 84 85 86
46 47 48 49 50	5 5 5 5	9 10 10 10	14 14 14 15	18 19 19 20 20	23 24 24 25 25 25	28 28 29 29 30	32 33 34 34 35	37 38 38 39 40	41 42 43 44 45	96 97 98 99 100	10 10 10 10	19 19 20 20 20	29 29 20 30 30	38 39 39 40 40	48 49 49 50	58 58 59 59	67 68 69 69 70	77 78 78 79 80	86 87 88 89 90
51 52 53 54 55	15	10 10 11 11 11	16	22	$\frac{27}{27}$	32	$\frac{37}{38}$	42 43		101 102 103 104 105	10	$\frac{20}{21}$	31 31 31	40 41 41 42 42	52	$\begin{array}{c} 62 \\ 62 \end{array}$	$71 \\ 72 \\ 73$	83	$\frac{92}{93}$
56 57 58 59 60	6 6	12	17 17 18	$\frac{23}{23}$		34 35 35	40 41 41	46 46 47	50 51 52 53 54	106 107 108 109 110	11 11 11	$\frac{21}{22}$	$\frac{32}{32}$	42 43 48 44 44	54 55	64 65 65	75 76 76	86 86 87	96 97 98

ILLULUGS (Antinologs).

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
0.400	3	25.0	25.4	25.9	26.3	26.7	27.2	27.6	28.0	28.5	28.0	5	* The life consideration
1		29.4	29.8	$\frac{30.2}{34.7}$	30·7 35·1	$\frac{31.1}{35.6}$	31.6 36.0	32·0 36·5	32·5 36·9	$\frac{32.9}{37.4}$	33·3 37·8	5	
2 3		38·8 38·3	$\frac{34.2}{38.8}$	39.2	39.7	40.1	40.6	41.0	41.5	41.9	42.4	6	4 5
4		42.9	43.3	43.8	44.3	44.7	45.2	45-6	46.1	46.6	47.0	- 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
5		47.5	48.0	48.5	48.9	49.4	49.9	50.3	50.8	51.3	51.8	4	1 0 1 2 1 2 4 2 2 6 2 3 7 8 4 9 4 6
6		52.2	52.7	53.2	53.7	54.1	54.6	55.1	55.6	56.1	56.5	5	6 2 3
7 8		57·0 61·9	$\begin{array}{c} 57.5 \\ 62.4 \end{array}$	58·0 62·9	58·5 63·4	59·0 63·9	59·5 64·4	59·9 64·9	60·4 65·4	60-9 65-8	$\frac{61\cdot 4}{66\cdot 3}$	- b	7 3 4
9		66.8	67.8	67.8	68.3	68.8	89.4	69.9	70.4	70.0	71.4	6	9 4 5
0.410		71.9	72.4	72.0	73.4	73.9	74.4	74.9	75-4	76.0	76.5	6	
1		77.0	77.5	78.0	78.5	79.1	79.6	80.1	80.6	81:1	81.7	15	
2 3		$82 \cdot 2$ $87 \cdot 4$	82·7 88·0	8 3 ·2 88·5	83·7 89·0	84.8 89.6	84·8 1·00	85:3 90:7	85-9 91-2	$86.4 \\ 91.7$	86-9 92-3	i 5	
4		92.8	93.4	93.9	94.4	95.0	4.46	96-1	96.6	97.2	97.7	6	!
5		98.3	98.8	99.4	99.9	*00.5	*()1()	*01.6	*02-1	*02.7	*03.2	6	6 7
6	4	03.8	04.3	04.9	05.5	0.00	06.6	07.2	07.7	08.3	08.8	6	(NACHWANDSON-MISSAN
7 8		09·4 15·1	$\begin{array}{c} 10.0 \\ 15.7 \end{array}$	10.5 16.3	$\begin{array}{c} 11.1 \\ 16.0 \end{array}$	$\frac{11.7}{17.4}$	$\frac{12.3}{18.0}$	12.8 18.6	1394 1992	14:0 19:8	14·6 20·3	6	1 1 1 2 1 1 8 2 2
9		20.9	21.5	22.1	22.7	23.3	23.9	21.5	25-1	25.7	26.2	6	4 1 2 8
0.420		26.8	27.4	28.0	28.6	29.2	29.8	30-4	31.0	34-6	32-2	6	6 3 4 0 4 4 7 4 5 8 6 0
1		32.8	33.5	34.1	34.7	35.3	35.9	36.5	37.1	37.7	38-3	ti	8 6 6
2 3		38.9 45.1	$\frac{39.6}{45.8}$	40·2 46·4	40·8 47·0	$\frac{41.4}{47.7}$	42·0 48·3	42·7 48.9	43·3 49·5	43:9 50:2	4445 50 8	6	1 10 0
4		51.4	52.1	52.7	53.4	54.0	54.6	65.3	65:9	56.6	57.2	7	
5		57 ·9	58.5	59.1	59.8	60-4	61.1	61.7	624	63-1	63.7	7	
6		64.4	65.0	65.7	66.3	67.0	67.7	68-3	69.0	69.7	70.3	7	
7 8		71.0 77.7	71·7 78·4	72·3 79·1	78·0 79·8	$73.7 \\ 80.4$	74·3 81·1	75:0 81:8	75.7 82.5	76∙4 88∗2	77:0 83:0	1	
ő		84.6	85.2	85.9	86.6	87.3	88.0	88.7	89.4	90.1	90-8	777	8 9
0.430		91.5	92.2	92.9	93.6	94.8	95.0	95.7	96-5	97-2	97-9	7	1 1 1
1	_	98.6	99.3			*01.5	*03.3				₩05-1	7777	8 2 8
2 3	D	05·8 13·1	06·5 13·8	07·2	08·0 15·3	08·7 16·0	09·4 16·8	10.2 17.5	10·9 18·3	11-6 19-0	19-4 19-8	7	4 4 5
4		20.5	21.3	$\hat{2}\hat{2}\cdot\hat{0}$	22.8	28.5	24.8	25.0	25.8	26-6	27.3	ĸ	7 6 6
5		28.1	28.8	29.6	30.4	31-1	81.9	32.7	33-4	84-2	85-0	н	1 1 1 1 2 2 2 8 8 4 8 4 6 4 6 6 7 6 6 6 7 0 7 8
6		85.8	36.5	37.3	38-1	88.9	89.7	40.4	41.2	420	42.8	н	
7 8		43.6 51.5	44·4 52·3	45·2 53·1	46.0 53.9	46.8 54.8	47·5 55·6	48-3 56-4	49·1 57·2	49 9 58-0	50·7 58·8	H	1
9		59.6	60.4	61.8	62.1	62.9	68.7	04.5	65.4	66.2	67.0	8	
0.440		67.8	68.7	69.6	70.3	71.2	72.0	72.8	78-7	74.5	75.4	н	
1		76.2	77.0	77.9	78.7	79.6	80.4	81.8	82.1	88-0	88.8	g)	
2 3		84·7 93·4	85.6 94.2	86·4 95·1	87·3 96·0	88·2 96·9	89·0 97·7	89-9 88-6	90.8	91.6	92.5	9	10
4	6	02.2	03.0	08.8	04.8	05.7	06.6	07.5	08-4	*00·4 09·3	#01-8 10-2	9	1 1 2 2 8
5		11.1	12.0	12.9	13.8	14.7	15.6	1 6 ·6	17.5	18-4	19-8	g	1 2 8 8 4 6 6 6 7 8 8 9 9
6		20.2	21.1	22.1	28.0	23.9	24.8	25.7	26-7	27.6	28.5	10	4 4 5 5 6 6 7 7
7 8		29·5 38·9	30·4 39·9	31·4 40·8	32·8 41·8	33·2 42·7	34.2	85.1	86.1	37.0	38.0	9	7 7 8
9		48.5	49.5	50.4	51.4	52.4	43·7 53·3	44·6 54·3	45·6 55·8	46·6 56·8	47·5 57·2	10	9 9
0.450		58.2	59.2	60.2	61.2	62.2	63.2	64.2	65.2	66.2	67.2	10	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
0.450		58·2 68·2	59·2 69·2	60·2 70·2	$61 \cdot 2 \\ 71 \cdot 2$	62·2 72·2	63·2 73·2	$64.2 \\ 74.2$	65·2 75·2	66·2 76·2	67·2 77·2	10 11	
2		78.3	79.3	80.3	81.3	82.3	83.4	84.4	85·4	86.5	87.5	10	
3		88.5	89.6	90.6	91.6	92.7	93.7	94.8	95.8	96.9	97.9	11	11 12 13
4		ขอ.ด	*00.0	≁01.T	≁02·1	*U3·2	*04.3	*05.3	*06.4	*07.5	* 08⋅5	11	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
5		09.6	10.7	11.8	12.8	13.9	15.0	16.1	17.2	18.2	19.3	11	1
$\begin{bmatrix} 6 \\ 7 \end{bmatrix}$		20·4 31·4	$\begin{array}{c} 21.5 \\ 32.6 \end{array}$	$\substack{22\cdot6\\33\cdot7}$	$23.7 \\ 34.8$	$24.8 \\ 35.9$	$25.9 \\ 37.0$	$27.0 \\ 38.1$	$\frac{28 \cdot 1}{39 \cdot 3}$	$29.2 \\ 40.4$	$30.3 \\ 41.5$	11	3 3 4 4 4 5 5 5 6 6 7 6 7 7 8
8		42.6	43.8	44.9	46.0	47.2	48.3	49.5	50.6	51.7	52.9	11	6 7 7 8 7 8 8 9
9		54.0	55.2	56.3	57.5	58.7	59.8	61.0	$62 \cdot 1$	63.3	64.5	11	7 8 8 9 8 9 10 10 9 10 11 12
0.460		65.6	66.8	68.0	69.2	70.4	71.5	72.7	73.9	75.1	76.3	12	0 1 20 22 22
1		77.5	78.7	79.8	81.1	82.2	83.4	84.7	85.9	87.1	88.3	12	
$\begin{bmatrix} 2 \\ 3 \end{bmatrix}$		89·5 01·7	90·7 03·0	$\begin{array}{c} 91.9 \\ 04.2 \end{array}$	$03.1 \\ 05.4$	$94.3 \\ 06.7$	$95.6 \\ 07.9$	96·8 09·2	$98.0 \\ 10.4$	99.3	*00·5 12·9	$\begin{vmatrix} 12 \\ 13 \end{vmatrix}$	14 15 16
4	Ü	14.2	15.4	16.7	18.0	$19 \cdot 2$	20.5	21.8	23.0	24.3	25.6	13	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
5		26.9	28.1	29.4	30.7	32.0	33.3	34.6	35.9	37.2	38.5	13	3 4 5 5
6		39.8	41.1	42.4	43.7	45.0	46.3	47.6	48.9	50.2	51.6	13	4 6 6 6 5 7 8 8
7		52.9	54.2	55.5	56.9	58.2	59.5	60.9	$62 \cdot 2$	63.6	64.9	14	01 8 9 10
8		66·3 79·9	67.6 81.3	69·0 82·6	70·3 84·0	$71.7 \\ 85.4$	73·0 86·8	$\begin{array}{c} 74.4 \\ 88.2 \end{array}$	75·8 89·5	$77.1 \\ 90.9$	78.5 92.3	14	7 10 11 11 8 11 12 13 9 18 14 14
1													A 19 1# 1#
0·470 1	0	$93.7 \\ 07.8$	95·1 09·3	$96.5 \\ 10.7$	$\begin{array}{c} 97\cdot 9 \\ \mathbf{12\cdot 1} \end{array}$	$99.4 \\ 13.6$	*00·8	*02·2 16·4	*03.6 17.9	*05·0 19·3	*06·4 20·8	14	
2	U	22.2	23.7	25.1	26.6	28.0	29.5	31.0	32.4	33.9	35.4	14	17 18 19
3		36.8	38.3	39.8	41.3	42.8	44.3	45.7	47.2	48.7	50.2	15	1 2 2 2
4		51.7	53.2	54.7	56.2	57.8	59.3	60.8	62.3	63.9	65.4	15	9 9 4 4
5		66.9	68.4	70.0	71.5	73.0	74.6	76.1	77.7	79.2	80.8	15	4 7 7 8
()		82.3	83.9	85.5	87.0	88.6	90.2	91.7	93.3	94.9	96.5	$\begin{array}{ c c } 16 \\ 16 \end{array}$	0 10 11 11
7 8	10	98·1 14·1	15.7	*01·2	*02·9	20.6	22.2	23.8	*09·8 25·5	27.1	28.8	16	0 10 11 11 7 12 13 13 8 14 14 14
ÿ		30.4	32.0	33.7	35.4	37.0	38.7	40.3	42.0	43.7	45.3	17	0 15 16 17
0.480		47.0	48.7	50.4	52.1	53.7	55.4	57.1	58-8	60.5	62.2	17	
1		63.9	65.6	67.4	0.01	70.8	72.5	74.2	76.0	77.7	79.4	18	20 21 29
2		81.2	82·9 *00·5	84.6	86.4	88.1	89.9	91.7	93·4 *11·2	95·2 *13·0	96.9	18	7 1 2 2 9
3 4	11	16.6	18.4	20.2	22.0	23.8	25.7	27.5	29.3	31.1	33.0	18	1 2 2 2 2 2 4 4 8 6 6 6
,,		0.4.0	000	00 8	40.0	40.0	44.0	45.9	47.0	49.6	51.5	19	4 8 8 6 5 10 11 1
5 0		34·8 53·4	36.6 55.2	38·5 57·1	40·8 59·0	42·2 60·9	44·0 62·8	64.7	47·8 66·5	68.4		19	6 12 13 13
7		72.8	74.2	76.1	78.0	79.9	81.8	83.8	85.7	87.6	89.6	19	8 16 17 18
8		91.5	93.5	95.4	97.4	99.3	*01.3		*05.2			20	0 18 19 20
9	12	11.1	13.1	15.1	17.1	19.1	21.1	23.1	25.1	27.1	29.1	20	
0.490		31.1	33.1	35.1	37.2	39.2	41.2	43.8				21	23 24 2
1 2		51.5 72.2	53·5 74·3	55.6 76.4	57·7 78·5	59· 7 80· 6	61·8 82·7	63.9 84.8		68·0 89·1	,	$\begin{vmatrix} 21 \\ 22 \end{vmatrix}$	
์ 3		93.4	95.5	97.6		*01.9			*08.4			22	2 5 5
4	13	14.9	17.1	19.8	21.4	23.6	25.8	28.0	30.2	32.4	34.6	22	4 9 10 1
5		36-8	39.1	41.3	43.5	45.7	48.0	50.2	52.5	54.7	56.9	23	5 12 12 1 6 14 14 1
6		59.2	61.5	63.7	66.0	68.3	70.6	72.8	75.1	77.4		23	6 14 14 1 7 16 17 1 8 18 19 2 9 21 22 2
7	4.4	82.0		86.6			93·6 17·0				*02.9 26.5		9 21 22 2
8	14	05·2 28·9		09·9 33·7		14·7 38·5	40.9						
0.500		53.0		57.9			65.3	67.7	70.2	72.7	75.2	24	

CORRIGENDA.

Page ix, 7 lines from bottom, for 967 read 964.

Page xiii, line 14, for 0.817 read 0.0817.

Page xiii, line 15, for 0.9487 read 0.09487.

Page xvi, line 12, for illog 4:37730 23:8397 W read illog 4:37530 = 23730.1 = W.

Page 154, illog 2499 should read 177787.

Page 180, lolog 0:32 should commence with 1:6 instead of 1:6.

Page 202, Iolog 65.9 should read 0.25981.

Pages 222 to 227, (1) The arguments for minutes on the right-hand side of each page should be one less in each case—thus, 60' should be 59', 59' should be 58', and so on. (2) The arguments for seconds at the bettom of each page should be one more in each case—thus, 59" should be 60", 58" should be 59", and so on. (3) The bottom line of the tabular values on each page, i.e., the line between the arguments 60' and 0', should be deleted. (As the sine of an angle is the cosine of its complement, the log of a cosine may be found, as an alternative, by subtracting the angle from 90°, and finding the log of the sine of the remainder.)

Page 234, log sin 4° 0' should read 2.84358.

Page 240, bottom of page, Tan should be Cot, and Log Tan should be Log Cot. Page 283, log cot 36" 0' should read 0:13874.

Page 320, $\log \frac{\pi}{4}$ should read T-89509.

RIGONOMETRICAL FUNCTIONS AND THEIR LOGS

ΟF

ANGLES FROM 0° TO 90° at Intervals of 1 Minute.

ALSO,

LOGS OF SINES OF ANGLES FROM 0° TO 1°

LOGS OF COSINES OF ANGLES FROM 89° TO 90° at Intervals of 1 Second.

ALSO.

LOGS OF SINES OF ANGLES FROM 1° TO 3°

LOGS OF COSINES OF ANGLES FROM 87° TO 89° at Intervals of 10 Seconds.

om these tables may be found:

Logs of Tangents of angles between 0° and 3°, at intervals of 1 second, by adding the Log of the Sine to the Log of the Secant, which is readily obtained from the main table without interpolation.

Logs of Cotangents of angles between 87° and 90°, at intervals of 1 second, by adding the Log of the Cosine to the Log of the Cosecant, which is readily obtained from the main table without interpolation.

In the main table, the difference for 1 second between two values is printed esite to the one which occupies the upper position on the page. In the table intervals of 10 seconds, the difference for 1 second between two consecutive area is printed between them.

The decimal point of the 'Difference for I Second' does not correspond with decimal point of the tabular value, but must be considered as coming necliately after the last figure of the tabular value. The figures to the right the decimal point of the difference should not be retained after multiplying the desired number of seconds.

In the main table, all the functions and their logs increase downwards; so t proportional parts of the 'co-' functions must be subtracted, and those of other functions added.

In no case is the Log of a function increased by an arbitrary amount, but the ual value is given.

o				LUC	S OF	, 211,	IES.		
	0″	1"	2"	3″	4"	5″	6"	7"	8″
0 1 2 3 4	$ \begin{array}{r} -\infty \\ \overline{4}.46373 \\ \overline{4}.76476 \\ \overline{4}.94085 \\ \overline{3}.06579 \end{array} $	4.47090 4.76836 4.94325	4.47797 4.77193 4.94565	$\begin{array}{c} \overline{5}.16270 \\ \overline{4}.48492 \\ \overline{4}.77548 \\ \overline{4}.94803 \\ \overline{3}.07118 \end{array}$	4.49175 4.77900 4.95039	4.49849 4.78248 4.95275	$\begin{array}{c} 4.50512 \\ 4.78595 \\ 4.95509 \end{array}$	4.51165	
5 6 7 8 9	$\frac{3.24188}{3.30882}$ $\frac{3.36682}{3.36682}$	3.30986	3·24428 3·31089 3·36862	$\frac{3.24548}{3.31191}$ $\frac{3.36952}{3.36952}$	3.31294	3·24787 3·31396 3·37132	3-24906 3-3 (498 3-37221	3-17271 3-25024 3-31600 3-37310 3-42356	3.25142 3.31702 3.37399
10 12 1.3	3.50512	3·54351 3·57822	3.50648 3.54411 3.57878	3.46589 3.50709 3.54471 3.57934 3.61140	$3.54531 \\ 3.57989$	3.50840 3.54591 3.58044	3.54651 3.58100	3:50970 3:54711 3:58155	3.5.1771
1.5 1.6 1.7 1.8 1.9	3.66784 3.69417 3.71900	3.66830 3.69460 3.71940	3.66875 3.69502 3.71980	3.64126 3.66920 3.69545 3.72020 3.74362	3.66965 3.69587 3.72060	3.67010 3.69630 3.72100	3.67055 3.69672 3.72140	3.64318 3.67100 3.69714 3.72180 3.74514	3.67145 3.69757 3.72220
20 22 23 24	3.78594 3.80615 3.82545	3.78629 3.80647 3.82577	3.78663 3.80 6 80 3.82608	3.76584 3.78698 3.80713 3.82639 3.84484	3.78732 3.80746	8.78766 8.80779 8.82702	3:78801 8:80812 3:82733	3-76728 3-78835 3-80844 3-82765 3-84604	3.80877 3.82 7 9 6
25 26 27 28 29	3.87870 3.80509	3.87897 3.89535 3.91114	3.87925 3.89562 3.91140	3-86253 3-87953 3-89589 3-91165 3-92687	3.87981 3.89616 3.91191	3-88009 3-89642 3-91217	3-88036 3-89669 3-91243	3-86368 3-88064 3-89696 3-91269 3-92786	3-88092 8-89722 3-91294
30 31 32 33 34	3.95508 3.96887 3.98223	3.95532 3.96910 3.98245	3.95555 3.96932 3.98267	3-94157 3-95578 3-96955 3-98289 3-99584	8-95601 8-96977	8-95625 3-97000 3-98333	3-95648 3-97022 3-98355	8-94253 8-95671 8-97045 8-98877 8-99669	3.95695 3.97068
5 7 8 9	2.03192	2.02022 2.03212 2.04369	2-02042 2-03231 2-04388		2·00861 2·02082 2·03270 2·04-126 2·05552	2-00882 2-02102 2-03290 2-04445 2-05571	2-02123 2-03309 2-04464	2-00938 2-02148 2-03329 2-04488 2-05608	2.02163 2.03348
0 1 2 3 4	$\begin{array}{c} 2.07650 \\ 2.08696 \\ 2.09718 \end{array}$	2.07668 2.08714 2.09735	2.07685 2.08731 2.09752	2.06632 2.07703 2.08748 2.09769 2.10766	2·07721 2·08765	2.06668 2.07738 2.08783 2.08802 2.10799	2-07756 2-08800 2-09819	2-06764 2-07773 2-08817 2-0886 2-10832	2-07701 2-08834
15 16 17 18	$\begin{array}{c} 2.11698 \\ 2.12647 \\ 2.13581 \\ 2.14495 \end{array}$	$\begin{array}{c} 2.11709 \\ 2.12663 \\ 2.18596 \\ 2.14510 \end{array}$	2·11725 2·12679 2·13612 2·14525	2-11741 2-12694 2-13627 2-14541 2-15435	2-11757 2-12710 2-13643 2-14556	2·11773 2·12726 2·13658 2·14571	2-11789 2-12741 2-13678 2-14586	2-11805 2-12757 2-13689 2-14601 2-15494	$2 \cdot 12778$ $2 \cdot 13704$ $2 \cdot 14616$
50 51 52 53	$\begin{array}{c} \hline{2.16268} \\ \hline{2.17128} \\ \hline{2.17971} \\ \hline{2.18798} \\ \end{array}$	$ \begin{array}{c} \hline{2.16288} \\ \hline{2.17142} \\ \hline{2.17985} \\ \hline{2.18812} \end{array} $	2·16297 2·17156 2·17999 2·18826	2·16311 2·17171 2·18013 2·18839 2·19650	2·16326 2·17185 2·18027 2·18853	2·16340 2·17199 2·18041 2·18867	2-16355	2-16369 2-17227 2-18069 2-18894	2-16384 2-17241 2-18082 2-18908 2-19717
55 56 57 58 59	2.20407 2.21189 2.21958 2.22718	$\begin{array}{c} 2.20420 \\ 2.21202 \\ 2.21971 \\ 2.22726 \end{array}$	2.20433 2.21215 2.21983 2.22738		2.20460 2.21241 2.22009	$\frac{2}{2} \cdot 20473$ $\frac{2}{2} \cdot 21254$	2·20486 2·21267 2·22084 2·22788	2-20499 2-21280	Ž·20512 2·21293 2·23060 2·22813
60	Magnetic or description of the section of	reconstructions of the contract of the contrac	Witten (Bay - mr 1 %) Limiten	retion whereas amounted the designation	0-04984	-3-94946	3-94958	<u>0.04020</u>	-
- 1	~59"	-58"-	-57"	-50"	-55"	- 54"	-59"	- 59 "	-51"

* ^	00	0.70	~***	-
LU	US	OF	SINE	.5

LOGS OF SINES.												كلوالمر
	10"	11"	12"	13"	14"	15″	16″	17"	18″	19″	E	,
	$\overline{4.53067}$ $\overline{4.79952}$ $\overline{4.96433}$ $\overline{3.08351}$	$\overline{4.53683}$ $\overline{4.80285}$ $\overline{4.96661}$ $\overline{3.08525}$	$\overline{4.54291}$ $\overline{4.80615}$ $\overline{4.96888}$ $\overline{3.08698}$	$\begin{array}{c} \overline{5}.79952 \\ \overline{4}.54890 \\ \overline{4}.80943 \\ \overline{4}.97113 \\ \overline{3}.08870 \end{array}$	$\overline{4.55481}$ $\overline{4.81268}$ $\overline{4.97338}$ $\overline{3.09041}$	$\frac{4.56064}{4.81591}$ $\frac{4.97561}{4.97561}$	$\frac{\overline{4} \cdot 56639}{\underline{4} \cdot 81911}$ $\overline{4} \cdot 97783$	$\begin{array}{c} \overline{5} \cdot 91602 \\ \overline{4} \cdot 57207 \\ \overline{4} \cdot 82230 \\ \overline{4} \cdot 98004 \\ \overline{3} \cdot 09551 \end{array}$	$\frac{\overline{4} \cdot 57767}{\underline{4} \cdot 82545}$ $\overline{4} \cdot 98224$	$\overline{4.58320}$ $\overline{4.82859}$ $\overline{4.98443}$	- 80 59 58 57 56	59 58 57 56 55
-	$ \begin{array}{r} \hline 3.25378 \\ \hline 3.31904 \\ \hline 3.37577 \\ \hline 3.42594 \end{array} $	$\frac{3.25495}{3.32005}$ $\frac{3.37666}{3.42673}$	$ \frac{3.25612}{3.32106} $ $ \frac{3.37754}{3.42751} $	$ \begin{array}{r} \hline 3.18112 \\ \hline 3.25728 \\ \hline 3.32206 \\ \hline 3.37842 \\ \hline 3.42830 \\ \end{array} $	$\frac{3.25845}{3.32306}$ $\frac{3.37930}{3.42908}$	$\frac{3.25961}{3.32406}$ $\frac{3.38018}{3.42987}$	$\frac{3.26076}{3.32506}$ $\frac{3.32506}{3.38106}$ $\frac{3.43065}{3.43065}$	$ \frac{3}{3} \cdot 18663 $ $ \frac{3}{3} \cdot 26192 $ $ \frac{3}{3} \cdot 32606 $ $ \frac{3}{3} \cdot 38193 $ $ \frac{3}{3} \cdot 43143 $	$\begin{array}{c} \overline{3} \cdot 26307 \\ \overline{3} \cdot 32705 \\ \overline{3} \cdot 38280 \\ \overline{3} \cdot 43221 \end{array}$	$ \frac{3}{3} \cdot 26421 $ $ \frac{3}{3} \cdot 32804 $ $ \frac{3}{3} \cdot 38367 $ $ \frac{3}{3} \cdot 43299 $	55 54 53 52 51	50
	3.51165 3.54890 3.58320 3.61499	3.51230 3.54949 3.58375 3.61550	3.51294 3.55009 3.58430 3.61601	3·47303 3·51359 3·55068 3·58485 3·61652	$\frac{3}{5}.51423$ $\frac{3}{5}.55127$ $\frac{3}{5}.58539$ $\frac{3}{5}.61703$	$ \begin{array}{r} \hline 3.51488 \\ \hline 3.55186 \\ \hline 3.58594 \\ \hline 3.61754 \end{array} $	$ \frac{3.51552}{3.55245} $ $ \frac{3.55245}{3.58649} $ $ \frac{3.61805}{3.61805} $	$ \frac{3.47586}{3.51616} $ $ \frac{3.55304}{3.58703} $ $ \frac{3.61855}{3.61855} $	$\frac{3.51680}{3.55363}$ $\frac{3.55363}{3.61906}$	$\frac{3}{3} \cdot 51744$ $\frac{3}{3} \cdot 55422$ $\frac{3}{3} \cdot 58812$ $\frac{3}{3} \cdot 61957$	50 49 48 47 46	45
-	$ \begin{array}{r} 3.67235 \\ 3.69841 \\ \hline 3.72300 \\ \hline 3.74627 \end{array} $	$ \begin{array}{r} \hline{3.67279} \\ \hline{3.69883} \\ \hline{3.72340} \\ \hline{3.74665} \end{array} $	3.67324 3.69925 3.72380 3.74703	3.64604 3.67369 3.69967 3.72419 8.74740	3.67413 3.70009 3.72459 3.74778	$\frac{3.67458}{3.70051}$ $\frac{3.72499}{3.74815}$	$ \frac{3.67502}{3.70093} \\ \frac{3.72538}{3.74853} $	3.74891	$\begin{array}{c} \overline{3}.67591 \\ \overline{3}.70177 \\ \overline{3}.72618 \\ \overline{3}.74928 \end{array}$	$\frac{3.67636}{3.70219}$ $\frac{3.72657}{3.74966}$	45 44 43 42 41	40
	3.78938 3.80942 3.82859 3.84694	$\begin{array}{c} 3.78072 \\ 3.80975 \\ \overline{3.82890} \\ 3.84724 \end{array}$	3.79006 3.81008 3.82921 3.84754	3.76943 3.79040 3.81040 3.82952 3.84784	3.79074 3.81073 3.82983 3.84814	3.79108 3.81105 3.83015 3.84843	$\frac{3.79142}{3.81138}$ $\frac{3.83046}{3.84873}$	$ \frac{3}{3} \cdot 77086 $ $ \frac{3}{3} \cdot 79176 $ $ \frac{3}{5} \cdot 81170 $ $ \frac{3}{5} \cdot 83077 $ $ \frac{3}{5} \cdot 84903 $	$\frac{3}{3}$.79210 $\frac{3}{8}$.81203 $\frac{3}{8}$.83108 $\frac{3}{8}$.84933	$ \frac{3.79244}{3.81235} $ $ \frac{3.81235}{3.83139} $ $ \frac{3.84963}{3.84963} $	40 39 38 37 36	35
	3.88147 3.89776 3.91846 3.92861	3.88175 3.89802 3.91371 3.92886	3.88202 3.89829 3.91897 3.92910	3.86541 3.88230 3.89856 3.91423 3.92935	$\frac{3.88258}{3.89882}$ $\frac{3.91448}{3.92960}$	8.88285 8.89909 3.91474 3.92985	$\frac{3}{8}$ 88313 $\frac{3}{8}$ 89935 $\frac{3}{9}$ 1500 $\frac{3}{9}$ 3009	3.86656 3.88340 3.89962 3.91525 3.93034	$\frac{3.88368}{3.89988}$ $\frac{3.91551}{3.93059}$	$\frac{3}{8} \cdot 88395$ $\frac{3}{8} \cdot 90015$ $\frac{3}{8} \cdot 91576$ $\frac{3}{8} \cdot 93084$	35 34 33 32 31	30
	3.95741 3.97113 3.98442 3.99782	3.95764 3.97135 3.98464 3.99753	3.95787 8.97158 3.98486 3.99775	8.94397 8.95811 8.97180 8.98508 8.99796	3.95834 3.97202 3.98529 8.99817	3.95857 3.97225 3.98551 3.9838	$ \frac{3.95880}{3.97247} $ $ \frac{3.98573}{3.99859} $	3.94492 3.95903 3.97270 3.98595 3.99880	$\frac{3.95926}{3.97292}$ $\frac{3.98616}{3.99901}$	$\frac{3.95950}{3.97315}$ $\frac{3.97315}{3.98638}$ $\frac{3.99922}{3.99922}$	30 29 28 27 26	25
	2.03387 2.04540 2.05663	2·02223 2·03407 2·04559 2·05682	2·02243 2·03426 2·04578 2·05700	2.01047 2.02263 2.03446 2.04507 2.05719	$\begin{array}{c} 2.02283 \\ \overline{2}.03465 \\ \overline{2}.04616 \\ \overline{2}.05737 \end{array}$	2.02303 2.03484 2.04635 2.05756	$\begin{array}{c} 2.02323 \\ 2.03504 \\ 2.04654 \\ \overline{2.05774} \end{array}$	2·01129 2·02343 2·03523 2·04673 2·05792	$\begin{array}{c} 2.02362 \\ 2.03543 \\ \overline{2}.04692 \\ \overline{2}.05811 \end{array}$	$\begin{array}{c} \hline{2.02382} \\ \hline{2.03562} \\ \hline{2.04710} \\ \hline{2.05829} \end{array}$	25 24 23 22 21	20
	2.07826 2.08868 2.09886 2.10881	2.07844 2.08886 2.09903 2.10807	2.07861 2.08903 2.09920 2.10914	2.06812 2.07879 2.08920 2.09937 2.10930	2.07896 2.08937 2.09953 2.10946	2.07914 2.08954 2.09970 2.10968	$\begin{array}{c} \hline{2.07982} \\ \hline{2.08971} \\ \hline{2.09987} \\ \hline{2.10979} \end{array}$	2.06884 2.07949 2.08988 2.10004 2.10995	$\begin{array}{c} 2.07967 \\ \hline 2.09006 \\ \hline 2.10020 \\ \hline 2.11012 \end{array}$	$ \begin{array}{r} \hline 2.07984 \\ \hline 2.09023 \\ \hline 2.10037 \\ \hline 2.11028 \end{array} $	20 19 18 17 16	15
	2·12804 2·13785 2·14646	2-12820 2-13750 2-14661	2·12836 2·13765 2·14676	$\begin{array}{c} 2.11901 \\ 2.12851 \\ \overline{2}.13781 \\ \overline{2}.14691 \\ \overline{2}.15582 \end{array}$	2.12867 2.13796 2.14706	2.12882 2.13811 2.14721	2.12898 2.13827 2.14736	2.11965 2.12914 2.13842 2.14751 2.15641	2.12929 2.13857 2.14766	$ \frac{2.12945}{2.13873} $ $ \frac{2.13873}{2.14781} $	15 14 13 12 11	10
	$ \begin{array}{r} 2.17270 \\ \overline{2}.18110 \\ 2.18935 \\ 2.19744 \end{array} $	2·17284 2·18124 2·18948 2·19757	$\begin{array}{c} 2.17298 \\ 2.18138 \\ 2.18962 \\ 2.19771 \end{array}$	$\begin{array}{c} \underline{2.16456} \\ \underline{2.17812} \\ \underline{2.18152} \\ \underline{2.18976} \\ \underline{2.19784} \end{array}$	2.17826 2.18166 2.18989 2.19797	2·17840 2·18180 2·19003	2.17355 2.18193 2.19016	$\begin{array}{c} \overline{2} \cdot 16513 \\ \overline{2} \cdot 17369 \\ \overline{2} \cdot 18207 \\ \overline{2} \cdot 19030 \\ \overline{2} \cdot 19837 \end{array}$	$\begin{array}{c} \overline{2} \cdot 17383 \\ \overline{2} \cdot 18221 \\ \overline{2} \cdot 19044 \end{array}$	$ \begin{array}{r} \hline{2.17397} \\ \hline{2.18235} \\ \hline{2.19057} \end{array} $	10 9 8 7 6	5
	$\begin{array}{c} 2.21319 \\ 2.22085 \\ 2.22838 \\ 2.23578 \end{array}$	2·21331 2·22098 2·22850 2·23590	2.21344 2.22110 2.22863 2.28603	$\begin{array}{c} \underline{2} \cdot 20578 \\ \underline{2} \cdot 21357 \\ \underline{2} \cdot 22123 \\ \underline{2} \cdot 22875 \\ \underline{2} \cdot 23615 \end{array}$	2·21370 2·22136 2·23888 2·23627	2.21383 2.22148 2.22900 2.28639	$\begin{array}{c} \overline{2} \cdot 21396 \\ \overline{2} \cdot 22161 \\ \overline{2} \cdot 22913 \\ \overline{2} \cdot 23652 \end{array}$	$\begin{array}{c} \overline{2} \cdot 20630 \\ \overline{2} \cdot 21409 \\ \overline{2} \cdot 22173 \\ \overline{2} \cdot 22925 \\ \overline{2} \cdot 23664 \end{array}$	$\begin{array}{c} \overline{2} \cdot 21422 \\ \overline{2} \cdot 22186 \\ \overline{2} \cdot 22937 \\ \overline{2} \cdot 23676 \end{array}$	$\begin{array}{c} \hline{2.21434} \\ \hline{2.22199} \\ \hline{2.22950} \\ \hline{2.23688} \end{array}$	5 4 3 2 1	43210
-	STREET THE THREE MORNING	P-1-10/W-SELVE VIEW SECTION	guidentime out on our cause -		0.04954 AE//			· · · · · · · · · · · · · · · · · · ·	394402		0	
	49" 50"	48"	48 "	1005	-45"	COSI	NES	+3"	42"	41"	<u>'</u> 89°	
	<i>30</i>	49"	78 .	LOGS	OF	へつつ	コイロン	, , –	,	•	ンプ	

LOGS OF COSINES. 47" 46" 45" 44" 89 223

0 5-88660 ₹-00779 ₹-02800 ₹-04730 ₹-06879 ₹-04660 ₹-04607 ₹-04409 ₹-05000 ₹-0)°				با	<u> </u>		11/17/	· · · · · · · · · · · · · · · · · · ·			
1	,	20"	21"	22"	23"	24"						1
\$\frac{0}{3} \fr	1 2 3	4.58866 4.83170 4.98660 3.10055	$\overline{4.59406}$ $\overline{4.83479}$ $\overline{4.98877}$ $\overline{3.10222}$	$\overline{4.59939}$ $\overline{4.83786}$ $\overline{4.99093}$ $\overline{3.10388}$	4.60465 $\overline{4.84091}$ $\overline{4.99307}$ $\overline{3.10553}$	4.60985 4.84394 4.99520 3.10718	4.61499 4.84694 4.99733 3.10882	4-62007 4-84993 4-99944 3-11046	4.62509 4.85289 3.00155 3.11209	4.63006 4.85584 3.00364 3.11371	4.63496 4.85876 3.00572 3.11533	5 5 5
11	6 7 8 9	$ \frac{3.26536}{3.32903} $ $ \frac{3.38454}{3.43376} $	$\frac{3.26650}{3.33001}$ $\frac{3.38541}{3.43454}$	$\frac{3.26764}{3.33100}$ $\frac{3.38628}{3.43531}$	3.26877 3.33198 3.38714 3.43608	3·26991 8·33296 8·38800 3·43685	3·27104 3·33393 3·38887 3·43762	3·27216 3·33491 3·38972 3·43839	3·27329 3·33588 3·39058 3·43916	3·27441 3·33685 3·39144 3·43992	3·27552 3·33782 3·39229 3·44069	5 5 5 5
10	10 11 12 13 14	$\frac{3.51808}{3.55481}$ $\frac{3.58866}{3.62007}$	$\frac{3.51872}{3.55589}$ $\frac{3.55589}{3.62058}$	3.51936 3.55598 3.58975 3.62108	3.51999 3.55656 3.59029 3.62158	3.52063 3.55715 3.59083 3.62209	3.52126 3.55773 3.59137 3.62259	3·52190 3·55831 3·59191 3·62309	3-52253 3-55889 3-59245 3-62359	3·52316 3·55948 3·59299 3·62409	8.52379 3.56006 8.59352 3.62459	5 4 4 4 4
3.70278 3.70278 3.70274 3.70246 3.70246 3.70246 3.70248 3.70248 3.70248 3.70248 3.70248 3.80203 3.81329 3.81365 3.81367 3.81462 3.81	16 16 17 18 19	3.67680 3.70261 3.72697 3.75003	3.67724 3.70302 3.72736 3.75040	3.67768 3.70344 3.72775 3.75078	3.67818 3.70886 3.72815 3.75115	3.67857 3.70427 3.72854 3.75153	3.67901 3.70469 3.72894 3.75190	3.67945 3.70510 3.72933 3.75227	3.67989 3.70552 3.72972 3.75264	3.68033 3.70593 3.73011 3.75302	3.68077 8.70635 3.73050 3.75339	4 4 4
86 86 82 88470 8.88478 8.88505 8.88505 8.88503 8.88503 8.88503 8.88503 8.88503 8.88503 8.88503 8.88503 8.90041 8.90041 8.90102 8.90102 8.90102 8.90102 8.90102 8.90103 8.90113 8.90103 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90180 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113 8.90113	20 21 22 23 24	3.79278 3.81268 3.83170 3.84992	3.79812 3.81300 3.83201 3.85022	3.79346 3.81332 3.83232 3.85052	3-79380 3-81365 3-83263 3-85082	3.79414 3.81397 3.83294 3.85111	3·79448 3·81429 3·83325 3·85141	3·79481 3·81462 3·83356 3·85171	8-79515 8-81494 8-83387 8-85200	3·79549 3·81526 3·83417 3·85230	3.79582 3.81558 3.83448 3.85259	3 3 3
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36 \$\frac{2}{2}\$1447 \$\frac{2}{2}\$1460 \$\frac{2}{2}\$1486 \$\frac{2}{2}\$1499 \$\frac{2}{2}\$1511 \$\frac{2}{2}\$1524 \$\frac{2}{2}\$1550 \$\frac{2}{2}\$1568 \$\frac{7}{2}\$22211 \$\frac{2}{2}\$2297 \$\frac{2}{2}\$2297 \$\frac{2}{2}\$2297 \$\frac{2}{2}\$2297 \$\frac{2}{2}\$2297 \$\frac{2}{2}\$2297 \$\frac{2}{2}\$23024 \$\frac{2}{2}\$2307 \$\frac{2}{2}\$2301 \$\frac{2}{2}\$2307 \$\frac{2}{2}\$28700 \$\frac{2}{2}\$28718 \$\frac{2}{2}\$28787 \$\frac{2}{2}\$28740 \$\frac{2}{2}\$28761 \$\frac{2}{2}\$28778 \$\frac{2}{2}\$28788 \$\frac{2}{2}\$2810 \$\frac{2}{2}\$24488 \$\frac{2}{2}\$24462 \$\frac{2}{2}\$4474 \$\frac{2}{2}\$4488 \$\frac{2}{2}\$24610 \$\frac{2}{2}\$4610 \$\frac{2}{2}\$4634 \$\frac{2}{2}\$267 \$\frac{2}{2}\$267 \$\frac{2}{2}\$28788 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28761 \$\frac{2}{2}\$28786 \$\frac{2}{2}\$28788 \$\frac{2}{2}\$2810 \$\frac{2}{2}\$28700 \$\frac{2}{2}\$28718 \$\frac{2}{2}\$28787 \$\frac{2}{2}\$28748 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28761 \$\frac{2}{2}\$24781 \$\frac{2}{2}\$24780 \$\frac{2}{2}\$24780 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$28781 \$\frac{2}{2}\$	50 51 52 53 54	$\begin{array}{c} 2.17411 \\ 2.18249 \\ 2.19071 \\ 2.19877 \end{array}$	$ \begin{array}{c} \hline{2.17425} \\ \hline{2.18263} \\ \hline{2.19084} \\ \hline{2.19891} \end{array} $	2·17489 2·18276 2·19098 2·19904	2·17458 2·18290 2·19111 2·19917	2·17467 2·18304 2·19125 2·19931	2.17481 2.18318 2.19139 2.19944	2-17495 2-18332 2-19152 2-19957	2 17510 2-18345 2 19166 2 19971	2-17524 2-18359 2-19179 2-19984	2·17538 2·18378 2·19193 2·19997	1
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0 1 2 3 4	$\frac{4}{4} \cdot 63982$ $\frac{4}{4} \cdot 86167$ $\frac{3}{6} \cdot 00779$	$\frac{4.64462}{4.86455}$ $\frac{3.00986}{3.00986}$	$\frac{\overline{4} \cdot 64936}{\underline{4} \cdot 86742}$ $\frac{\overline{3} \cdot 01191}{\overline{3} \cdot 01191}$	$\overline{4} \cdot 20409$ $\overline{4} \cdot 65406$ $\overline{4} \cdot 87027$ $\overline{3} \cdot 01395$ $\overline{3} \cdot 12174$	$\frac{\overline{4} \cdot 65870}{\underline{4} \cdot 87310}$ $\frac{\overline{3} \cdot 01599}{\overline{3} \cdot 01599}$	$\frac{4.66330}{4.87591}$ $\frac{3.01801}{3.01801}$	$\frac{\overline{4} \cdot 66785}{\underline{4} \cdot 87870}$ $\frac{\overline{3} \cdot 02003}{\overline{3} \cdot 02003}$	$\begin{array}{c} \overline{4} \cdot 25378 \\ \overline{4} \cdot 67235 \\ \overline{4} \cdot 88147 \\ \overline{3} \cdot 02203 \\ \overline{3} \cdot 12805 \end{array}$	$\frac{\overline{4} \cdot 67680}{\underline{4} \cdot 88423}$ $\frac{\overline{3} \cdot 02403}{\overline{3} \cdot 02403}$	$\frac{4.88697}{3.02602}$	59 58 57 56	5 9 5 9 5 9
5 6 7 8 9	$\frac{3.27664}{3.33879}$ $\frac{3.33879}{3.39314}$	$\frac{3.27775}{3.33975}$ $\frac{3.33975}{3.39400}$	$\frac{3.27886}{3.34071}$ 3.39484	$\begin{array}{c} {\bf \overline{3} \cdot 20802} \\ {\bf \overline{3} \cdot 27997} \\ {\bf \overline{3} \cdot 34167} \\ {\bf \overline{3} \cdot 39569} \\ {\bf \overline{3} \cdot 44373} \end{array}$	$\frac{3}{3}$ $\cdot 28107$ $\frac{3}{3}$ $\cdot 34263$ $\frac{3}{3}$ $\cdot 39654$	$\frac{3}{3} \cdot 28217$ $\frac{3}{3} \cdot 34359$ $\frac{3}{3} \cdot 39738$	$\frac{3}{3} \cdot 28327$ $\frac{3}{3} \cdot 34454$ $3 \cdot 39822$	$\begin{array}{c} \overline{3}.21320 \\ \overline{3}.28437 \\ \overline{3}.34549 \\ \overline{3}.39906 \\ \overline{3}.44675 \end{array}$	$\frac{3.28546}{3.34644}$ $\frac{3.39990}{3.39990}$	$\frac{3.28655}{3.34739}$ $\frac{3.40074}{3.40074}$	55 54 53 52 51	5-
10 11 12 13 14	$\frac{3.52442}{3.56064}$ $\frac{3.59406}{3.59406}$	$\frac{3.52505}{3.56121}$ $\frac{3.59459}{3.59459}$	3.52568 3.56179 3.59513	$ \frac{3.48698}{3.52631} $ $ \frac{3.56237}{3.59566} $ $ \frac{3.62659}{3.62659} $	$\frac{3.52693}{3.56295}$ $\frac{3.56295}{3.59620}$	$\frac{3}{3}$.52756 $\frac{3}{3}$.56352 $\frac{3}{3}$.59673	$\frac{3.52818}{3.56410}$ $\frac{3.59726}{3.59726}$	$\begin{array}{c} {\bf \overline{3}\cdot 48971} \\ {\bf \overline{3}\cdot 52881} \\ {\bf \overline{3}\cdot 56467} \\ {\bf \overline{3}\cdot 59780} \\ {\bf \overline{3}\cdot 62857} \end{array}$	$\frac{3.52943}{3.56524}$ $\frac{3.59833}{3.59833}$	$\frac{3.53005}{3.56582}$ $\frac{3.59886}{3.59886}$	50 49 48 47 46	4/3
15 16 17 18 19	$\frac{3.68121}{3.70676}$ $\frac{3.73090}{3.73090}$	$\frac{3.68165}{3.70718}$ $\frac{3.73129}{3.73129}$	3.68208 3.70759 3.73168	3.65546 3.68252 3.70800 3.73207 3.75487	$\frac{3.68296}{8.70841}$ $\frac{3.73246}{3.73246}$	$\frac{3.68340}{3.70883}$ $\frac{3.73285}{3}$	$\frac{3.68383}{3.70924}$ $\frac{3.73324}$	$\begin{array}{c} \overline{3}.65731 \\ \overline{3}.68427 \\ \overline{3}.70965 \\ \overline{3}.73363 \\ \overline{3}.75635 \end{array}$	$\frac{3.68470}{3.71006}$ $\frac{3.73401}{3.73401}$	$\frac{3.68514}{3.71047}$ $\frac{3.73440}{3.73440}$	45 44 43 42 41	40
20 21 22 23 24	3.79616 3.81591 3.83479	$\frac{3.79650}{3.81623}$ $\frac{3.83510}{3.83510}$	3.79683 3.81655 3.83541	3.77654 3.79717 3.81687 3.83571 3.85377	3.79751 3.81719 3.83602	$\frac{3.79784}{3.81751}$ $\frac{3.83633}{3.83633}$	$\frac{3}{3}$.79818 $\frac{3}{8}$.81783 $\frac{3}{8}$.83663	$\frac{3}{3}$.77794 $\frac{3}{3}$.79851 $\frac{3}{3}$.81815 $\frac{3}{3}$.83694 $\frac{3}{3}$.85495	$\frac{3.79885}{3.81847}$ $\frac{3.83725}{3.83725}$	$\frac{3.79918}{3.81879}$ $\frac{3.83755}{3.83755}$	40 39 38 37 36	33
25 26 27 28 29	3.88697 3.90305 8.91857	3.88724 3.90332 3.91882	3.88751 3.90358 3.91907	3.87111 3.88779 3.90384 3.91933 3.93428	3.88806 3.90411 3.91958	3.88833 3.90437 3.91983	3.88860 3.90463 3.92009	$ \begin{array}{r} \hline 3.87224 \\ \hline 3.88888 \\ \hline 3.90489 \\ \hline 3.92084 \\ \hline 3.93526 \\ \end{array} $	$\frac{3.88915}{3.90515}$ $\frac{3.92059}{3.92059}$	$\frac{3.88942}{3.90542}$ $\frac{3.90542}{3.92085}$	35 34 33 32 31	30
30 31 32 33 34	3.96203 3.97560 3.98876	3.96226 3.97583 3.98898	3.96249 3.97605 3.98920	3.94873 3.96272 3.97627 3.98941 2.00217	3.96295 3.97649 3.98963	3.96318 3.97672 3.98984	$\frac{3.96341}{3.97694}$ $\frac{3.99006}{3.99006}$	$\frac{3.96364}{3.97716}$ $\frac{3.97716}{3.99027}$	$\frac{3.96386}{3.97738}$ $\frac{3.97738}{3.99049}$	$ \frac{3.95015}{3.96409} $ $ \frac{3.97760}{3.99070} $ $ \frac{3.99070}{2.00342} $	30 29 28 27 26	25
35 36 37 38 39	2.02601 2.03775 2.04918	2.02621 2.03794 2.04937	2.02641 2.03813 2.04955	2.01456 2.02661 2.03833 2.04974 2.06086	2.02680 2.03852 2.04993	2.02700 2.03871 2.05012	$\frac{2.02720}{2.03891}$ $\frac{2.05030}{2.05030}$	$\frac{2.02740}{2.03910}$ $\frac{2.05049}{2.05049}$	$\frac{2.02759}{2.03929}$ $\frac{2.05068}{2.05068}$	2.01578 2.02779 2.03948 2.05087 2.06196	25 24 23 22 21	2.0
40 41 42 43 44	2.07117 2.08176 2.09210 2.10220	2.07135 2.08194 2.09227 2.10237	2.07153 2.08211 2.09244 2.10254	2.07171 2.08229 2.09261 2.10270 2.11256	2.07189 2.08246 2.09278 2.10287	2.08263 2.09295 2.10303	$\frac{2.08281}{2.09312}$ $\frac{2.10320}{2.10320}$	2.08298 2.09329 2.10337	$\frac{2.08310}{2.09346}$ $\frac{2.10353}{2.10353}$	2.07278 2.08338 2.09363 2.10370 2.11354	20 19 18 17 16	15
45 46 47 48 49	2·12172 2·13117 2·14041 2·14045	2.12188 2.13132 2.14056 2.14960	2·12204 2·13148 2·14071 2·14975	$\begin{array}{c} \mathbf{\bar{2}\cdot 1}2220 \\ \mathbf{\bar{2}\cdot 1}3163 \\ \mathbf{\bar{2}\cdot 1}4086 \\ \mathbf{\bar{2}\cdot 1}4990 \\ \mathbf{\bar{2}\cdot 1}5875 \end{array}$	2·12236 2·13179 2·14101 2·15005	$ \begin{array}{r} \hline{2} \cdot 12252 \\ \hline{2} \cdot 13194 \\ \hline{2} \cdot 14117 \\ \hline{2} \cdot 15020 \end{array} $	$ \begin{array}{r} \hline \hline $	$ \begin{array}{r} \overline{2} \cdot 12284 \\ \overline{2} \cdot 13225 \\ \overline{2} \cdot 14147 \\ \overline{2} \cdot 15050 \end{array} $	$ \begin{array}{r} \hline $	2.12315 2.13256 2.14178 2.15079 2.15963	15 14 13 12	10
50 51 52 53	2·16700 2·17552 2·18887 2·19206	2·16715 2·17566 2·18401 2·19220	2.16729 2.17580 2.18414 2.19233	2:16743 2:17594 2:18428 2:19247 2:20050	2·16757 2·17608 2·18442 2·19260	2.16772 2.17622 2.18456 2.19274	$ \begin{array}{r} \overline{2} \cdot 16786 \\ \overline{2} \cdot 17636 \\ \overline{2} \cdot 18469 \\ \overline{2} \cdot 19287 \end{array} $	$ \begin{array}{r} \overline{2} \cdot 16800 \\ \overline{2} \cdot 17650 \\ \overline{2} \cdot 18483 \\ \overline{2} \cdot 19301 \end{array} $	2·16815 2·17664 2·18497 2·19314	$\begin{array}{c} \hline{2.16829} \\ \hline{2.17678} \\ \hline{2.18511} \\ \hline{2.19328} \\ \hline{2.20130} \end{array}$	10 9 8 7 6	5
55 56 57 58 59	2·20800 2·21576 2·22887 2·28086	2·20813 2·21588 2·22350 2·23098	$egin{array}{cccccccccccccccccccccccccccccccccccc$	2 20030 3 2·20839 2·21614 3 2·22375 2·23123 3 2·23859	2.20852 2.21627 2.2388 2.23136	2.20865 2.21640 2.22400 2.23148	2.20878 2.21652 2.22413 2.23160	2.20891 2.21665 2.22425 2.28178	$ \begin{array}{r} \hline 2 \cdot 20904 \\ \hline 2 \cdot 21678 \\ \hline 2 \cdot 22488 \\ \hline 2 \cdot 23185 \\ \hline $	$\begin{array}{c} \overline{2} \cdot 20917 \\ \overline{2} \cdot 21691 \\ \overline{3} \ \overline{2} \cdot 22451 \\ \overline{5} \ \overline{2} \cdot 23197 \\ \overline{2} \cdot 28981 \end{array}$	5 4 3 2 1	43210
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	29"	- 28″	<u> </u>	-26"		_24"	23″_	_99″		-20 "	'	
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4 1	40"	41"	42"	43"	44′′	45"	46"	47"	48″	49"	
0 1 2 3 4	$\frac{4.68557}{4.88969}$ $\frac{3.02800}{3.13273}$	$\frac{4.68990}{4.89240}$ $\frac{3.02997}{3.13428}$	4.69418 4.89509 8.03193 8.13582	$\overline{4} \cdot 31904$ $\overline{4} \cdot 69841$ $\overline{4} \cdot 89776$ $\overline{3} \cdot 03388$ $\overline{3} \cdot 13736$	4·70261 4·90042 3·03582 3·13889	4.70676 4.90306 3.03776 3.14042	4·71088 4·90568 3·03968 3·14194	4·71496 4·90829 3·04160 3·14346	4.36682 4.71900 4.91088 3.04351 3.14497	4.72300 4.91346 3.04541 3.14447	59 58 57 56
5 6 7 8 9	$\frac{3.28763}{3.34833}$ $\frac{3.40158}{3.44900}$	$\frac{3.28872}{3.34928}$ $\frac{3.4928}{3.40241}$ $\frac{3.44975}{3.44975}$	3.28980 3.35022 3.40324 3.45050	3.22087 8.29088 3.35116 3.40408 3.45124	3·29196 3·35209 3·40491 3·45199	3.29303 3.35303 3.40573 3.45273	3·29410 3·35396 3·40656 3·45347	3·29517 3·35489 3·40739 3·45421	3·22715 3·29623 3·35582 3·40821 3·45495	8·29730 3·35675 3·40903 3·45569	55 54 53 52 51
10 11 12 13 14	3.53067 3.56639 3.59939 3.63006	3.53129 3.56696 3.59992 3.63055	3.53191 3.56758 3.60045 3.63104	3·49379 3·53253 3·56810 8·60097 3·63153	3.53315 3.56867 3.60450 3.63203	3·53376 3·56924 3·60203 3·63252	3·53438 3·56980 3·60255 3·63301	3-53499 3-57037 3-60308 3-63350	3-49715 3-53561 3-57094 3-60360 3-63399	3·53622 3·57150 3·60413 3·68448	50 49 48 47 46
15 16 17 18 19	3.08557 3.71088 3.73479 3.75745	\$\cdot 68601 3\cdot 71129 3\cdot 73518 3\cdot 75782	3.68644 3.71170 3.73557 3.75819	3.66009 3.68687 3.71211 3.73595 3.75856	3.68731 3.71251 3.73634 3.75892	3·68774 3·71292 3·73673 8·75929	3-68817 3-71333 3-73711 3-75966	3-68860 3-71374 3-73750 3-76002	3-66238 3-68903 3-71414 3-73788 3-76039	3.68946 3.71455 3.73827 3.76075	45 44 43 42 41
20 21 22 23 24	3.79052 3.81911 3.83786	3.79985 3.81943 3.83817	3.80018 3.81975 3.83847	8.78004 3.80052 3.82007 3.83878 3.85671	3-80085 3-82039 3-83908	3·80 (18 3·82070 3·83989 3·85730	3·80152 3·82102 3·83969 3·85759	3-80 (85 3-82134 3-84000 3-85788	8:78179 8:80218 8:82166 8:84030 8:85817	3·80251 3·82198 3·84060 3·85847	39 38 37 36
25 26 27 28 29	3-88909 3-90508 3-92110 8-93599	3.88996 3.90594 3.92135 3.93623	3-89023 3-90620 3-92160 3-93648	8.87394 3.89050 3.90646 3.92186 3.93672	3-89077 3-90672 3-92244 3-93696	3-89105 3-90698 3-92236 3-93721	3-89132 3-90725 3-92261 3-93745	3-89159 3-90751 8-92286 3-93769	8-87534 8-89180 8-90777 3-92311 8-93794	3·89213 3·90803 3·92336 3·93818	35 34 38 32 31
30 31 32 38 34	$ \begin{array}{r} 3.96432 \\ 3.97782 \\ \hline 3.99092 \end{array} $	3.96455 3.97805 3.99113	3.96478 3.97827 8.99185	3-95109 3-96501 3-97849 3-99156 2-00426	3-96524 3-97871 3-99178	3.96546 3.97893 3.99199	3-96569 3-97915 3-99221	3-96592 3-97937 3-99242	3-95227 3-96615 3-97959 3-99264 2-00580	3-96037 3-97981 3-99285	30 29 28 27 26
35 36 37 38 39	$\begin{array}{c} 2.02799 \\ 2.03967 \\ 2.05105 \end{array}$	2·02810 2·03987 2·05124	2.02838 2.04006 2.05143	2.01659 2.02858 2.04025 2.05161 2.06269	2-02878 2-04044 2-05180	2-02898 2-04063 2-05199	2-02917 2-04083 2-05218	2.02937 2.04102 2.05236	2 0 (760 2-02957 2 04 121 2 05255 2-06360	2-02076 2-04140 2-05274	25 24 28 22 21
40 41 42 48 44	2-08350 2-09380 2-10386	2.08368 2.09397 2.10403	$\begin{array}{c} 2.08385 \\ 2.09414 \\ 2.10420 \end{array}$	2·07349 2·08403 2·09431 2·10436 2·11418	2-08420 2-09448 2-10458	2-08487 2-09465 2-10469	2.08455 2.09482 2.10486	$\frac{2}{2}$ 08472 $\frac{2}{2}$ 08499 $\frac{2}{2}$ 10502	2 07438 2 08489 2 09516 2-10519 2 11499	2-08506 2-09588 2-10585	20 19 18 17 16
45 46 47 48 49	2·13272 2·14193 2·15094	2·13287 2·14208	2.13303 2.14223 2.15124	$\begin{array}{c} 2.12370 \\ 2.13318 \\ 2.14238 \\ 2.15130 \\ 2.16021 \end{array}$	243834 - 244253	2-13349 2-14269 2-15169	2-18865 2-14284 2-15188	2 14209 2 14209	2 12458 2 13396 2 (4314 2 (6213 2 16094	2 13411 2 (4329	15 14 18 12 11
50 51 52 53 54	2.17692 2.18524 2.19341 2.20143	2.17706 2.18538 2.19355 2.20156	2.17720 2.18552 2.19368 2.20170	2·16886 2·17734 2·18566 2·19882 2·20183	2-17748 2-18579 2-19395 2-20196	247762 248593 249409 220209	2-17776 2-18607 2-19422 2-20222	2-17790 2-18621 2-19436 2-20236	2 16957 2-17804 2 18634 2-19449 2 20249	2-17818 2-18648 2-19468 2-20262	10 9 8 7 6
55 56 57 58 59	2·21708 2·22468 2·23210 2·23944	2·21716 2·22476 2·23222 2·23956	2·21729 2·22488 2·28284 2·28968	2.23980	2·21764 2·22513 2·23259 2·23992	2-21767 2-22526 2-28271	2-21780 2-22538 2-23284 2-24016	2-21798 2-22551 2-23 2 96 2-24028	2 21084 2 21805 2 22568 2 23308 2 24041	2 21818 2 22576 2 23321 2 24058	5 4 3 2 1
60 -	19"	18″-	172 -172	-3-9-17-01 10 ''	3.9.1718 -15"	<u>uuazos</u>	<u>0-04787</u> 18″	12"	221741	44444 	0
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89° ^{20"} /9" /8" LOGS OF COSINES. /3" /2" // 17" /6" 15" /4"

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50"	51"	52″	53″	54"	55"	56″	57″	58"	59″	L	
$\overline{4}.72697$ $\overline{4}.91602$ $\overline{3}.04730$	$\overline{4}.73090$ $\overline{4}.91857$ $\overline{3}.04919$	$\frac{\overline{4}\cdot73479}{\underline{4}\cdot92110}$ $\frac{\overline{3}\cdot05106}$	$\overline{4} \cdot 40985$ $\overline{4} \cdot 73865$ $\overline{4} \cdot 92362$ $\overline{3} \cdot 05293$ $\overline{3} \cdot 15244$	$\frac{\overline{4} \cdot 74248}{\overline{4} \cdot 92612}$ $\overline{3} \cdot 05479$	$\frac{\overline{4}\cdot74627}{\overline{4}\cdot92861}$ $\overline{3}\cdot05664$	$\frac{4}{4} \cdot 43376$ $\frac{4}{4} \cdot 75003$ $\frac{4}{4} \cdot 93109$ $\frac{3}{8} \cdot 05849$ $\frac{3}{8} \cdot 15687$	$\frac{\overline{4} \cdot 75376}{\underline{4} \cdot 93355}$ $\frac{\overline{3} \cdot 06032}$	$\frac{\overline{4} \cdot 75746}{\underline{4} \cdot 93599}$ $\frac{\overline{3} \cdot 06215}{\overline{3} \cdot 06215}$	$\frac{4.76112}{4.93843}$ $\frac{3.06397}{1.000000000000000000000000000000000000$	60 59 58 57 56	5 9
$\frac{3.29836}{3.35767}$ $\frac{3.40985}{3.40985}$	$\frac{3.29942}{3.35860}$ $\frac{3.41067}{3.41067}$	$\frac{3.30047}{3.35952}$ $\frac{3.41149}{3.41149}$	3.23335 3.30152 3.36044 3.41230 3.45863	$ \begin{array}{r} \hline{3} \cdot 30257 \\ \hline{3} \cdot 36135 \\ \hline{3} \cdot 41312 \end{array} $	$\frac{3}{3} \cdot 30362$ $\frac{3}{3} \cdot 36227$ $\frac{3}{3} \cdot 41393$	$ \begin{array}{r} \hline 3 \cdot 23702 \\ \hline 3 \cdot 30467 \\ \hline 3 \cdot 36318 \\ \hline 3 \cdot 41474 \\ \hline 3 \cdot 46082 \end{array} $	$\frac{3}{3} \cdot 30571$ $\frac{3}{3} \cdot 36409$ $\frac{3}{3} \cdot 41555$	$\frac{3}{3} \cdot 30675$ $\frac{3}{3} \cdot 36500$ $\frac{3}{3} \cdot 41636$	$\frac{3}{3} \cdot 30779$ $\frac{3}{3} \cdot 36591$ $\frac{3}{4} \cdot 41716$	55 54 53 52 51	50
3.53683 3.57206 3.60465	3.53744 3.57263 3.60517	$\frac{3.53805}{3.57319}$ $\frac{3.60570}{3.60570}$	$ \begin{array}{r} \hline 3.50049 \\ \hline 3.53866 \\ \hline 3.57375 \\ \hline 3.60622 \\ \hline 3.63642 \\ \end{array} $	$\frac{3.53927}{3.57431}$ $\frac{3.60674}{3.60674}$	$\frac{3.53988}{3.57488}$ $\frac{3.60726}{3.60726}$	$\begin{array}{c} {\bf \overline{3} \cdot 50248} \\ {\bf \overline{3} \cdot 54049} \\ {\bf \overline{3} \cdot 57544} \\ {\bf \overline{3} \cdot 60778} \\ {\bf \overline{3} \cdot 63788} \end{array}$	$\frac{3.54109}{3.57599}$ $\frac{3.60830}{3.60830}$	$\frac{3.54170}{3.57655}$ $\frac{3.60882}{3.60882}$	$\frac{3.54230}{3.57711}$ $\frac{3.60934}{3.60934}$	50 49 48 47 46	45
$\frac{3.68989}{3.71490}$ $\frac{3.71490}{3.73865}$	$\frac{3.69032}{3.71536}$ $\frac{3.73904}{3.73904}$	$\frac{3.69075}{3.71577}$ $\frac{3.73942}{3.78942}$	$ \begin{array}{r} \hline{3.66467} \\ \hline{3.69118} \\ \hline{3.71617} \\ \hline{3.73980} \\ \hline{3.76221} \end{array} $	3.69161 3.71658 3.74019	$\frac{3.69204}{3.71698}$ $\frac{3.71698}{3.74057}$	$\frac{3}{3} \cdot 69247$ $\frac{3}{3} \cdot 71739$	$\frac{3.69289}{3.71779}$ $\frac{3.74133}{3.74133}$	$\frac{3.69332}{3.71819}$ $\frac{3.74171}{3.74171}$	$\frac{3.69375}{3.71859}$ $\frac{3.74210}{3.74210}$	45 44 43 42 41	40
$\frac{3.80284}{3.82229}$ $\frac{3.84091}{3.84091}$	3.80317 3.82261 3.84121	3.80351 3.82293 3.84151	3.78352 3.80384 3.82324 3.84182 3.85963	$\frac{3.80417}{3.82356}$ $\frac{3.82356}{3.84212}$	3.80450 3.82387 3.84242	$ \frac{3.78456}{3.80483} $ $ \frac{3.82419}{3.84273} $ $ \frac{3.86050}{3.86050} $	$\frac{3.80516}{3.82451}$ $\frac{3.82451}{3.84303}$	$\frac{3.80549}{3.82482}$ $\frac{3.82482}{3.84333}$	$\frac{3.80582}{3.82514}$ $\frac{3.84363}{3.84363}$	40 39 38 37 36	35
3.89240 3.90829 3.92362	3·89267 3·90855 3·92387	3.89294 3.90881 3.92412	3.87674 3.89320 3.90907 3.92437 3.93915	3.89347 3.90933 3.92462	3.89374 3.90958 3.92487	$ \begin{array}{r} \hline 3.87758 \\ \hline 3.89401 \\ \hline 3.90984 \\ \hline 3.92512 \\ \hline 3.93988 \\ \end{array} $	$\frac{3.89428}{3.91010}$ $\frac{3.92537}{3.92537}$	$\frac{3.89455}{3.91036}$ $\frac{3.92562}{3.92562}$	$\frac{3.89482}{3.91062}$ $\frac{3.92587}{3.92587}$	35 34 33 32 31	30
3.96660 3.98003 3.99306	3.96683 3.98025 3.99328	3.96706 3.98048 3.99349	3.95344 3.96728 3.98070 3.99371 2.00634	3.96751 3.98092 3.99392	$\frac{3.96774}{3.98114}$ $\frac{3.99413}{3.99413}$	$ \frac{3}{3} \cdot 95415 $ $ \frac{3}{5} \cdot 96796 $ $ \frac{3}{5} \cdot 98136 $ $ \frac{3}{5} \cdot 99435 $ $ \frac{3}{5} \cdot 99696 $	$\frac{3.96819}{3.98157}$ $\frac{3.98157}{3.99456}$	$\frac{3.96842}{3.98179}$ $\frac{3.99477}{3.99477}$	$\frac{3.96864}{3.98201}$ $\frac{3.99499}{3.99499}$	30 29 28 27 26	25
2.02996 2.04159 2.05292	2.03016 2.04178 2.05311	2:03035 2:04197 2:05329	2.01861 2.03055 2.04217 2.05348 2.06451	2.03074 2.04236 2.05367	2.03094 2.04255 2.05385	2.01922 2.03114 2.04274 2.05404 2.06505	$ \begin{array}{r} \hline{2.03133} \\ \hline{2.04293} \\ \hline{2.05422} \end{array} $	$ \frac{2.03153}{2.04312} $ $ \frac{2.05441}{2.05441} $	2.03172 2.04331 2.05460	25 24 23 22 21	20
2·08524 2·09550 2·10552	2.08541 2.09567 2.10568	2.08558 2.09583 2.10585	2.07526 2.08576 2.09600 2.10601 2.11580	2.08593 2.09617 2.10618	2.08610 2.09634 2.10634	$ \begin{array}{r} \hline{2.07579} \\ \hline{2.08627} \\ \hline{2.09651} \\ \hline{2.10651} \\ \hline{2.11628} \end{array} $	$\frac{2.08645}{2.09668}$ $\frac{2.10667}{2.10667}$	2.08662 2.09685 2.10684	$ \begin{array}{c} \hline{2.08679} \\ \hline{2.09701} \\ \hline{2.10700} \end{array} $	20 19 18 17 16	15
$2 \cdot 13427$ $2 \cdot 14344$ $2 \cdot 15243$	2.13442 2.14359 2.15258	2.13458 2.14375 2.15272	2·12537 2·13473 2·14390 2·15287 2·16167	2.13489 2.14405 2.15302	2·13504 2·14420 2·15317	$\begin{array}{c} 2.12584 \\ 2.13519 \\ 2.14435 \\ 2.15332 \\ 2.16210 \end{array}$	$\frac{2.13535}{2.14450}$ $\frac{2.15346}{2.15346}$	2·13550 2·14465 2·15361	$\begin{array}{c} 2.13566 \\ 2.14480 \\ 2.15376 \end{array}$	15 14 13 12 11	10
2-17832 2-18662 2-19476	2-17846 2-18675 2-19489	2.17860 2.18689 2.19508	2·17029 2·17874 2·18703 2·19516 2·20315	2.17888 2.18716 2.19530	2.17902 2.18730 2.19543	2·17071 2·17916 2·18744 2·19557 2·20354	$\frac{2}{2}$ ·17930 $\frac{2}{2}$ ·18757 $\frac{2}{2}$ ·19570	$\frac{2.17943}{2.18771}$ $\frac{2.19583}{2.19583}$	2.17957 2.18785 2.19597	1.0 9 8 7 6	5
2·21060 2·21831 2·22588 2·23383 2·24065	2.21073 2.21844 2.22601 2.23845 2.24077	2.21086 2.21856 2.22613 2.23357 2.24089	2·21099 2·21869 2·22626 2·23370 2·24101	2·21112 2·21882 2·22638 2·23382 2·24113	2·21895 2·22651 2·23394 2·24125	2.21138 2.21907 2.22063 2.23407 2.24137	$ \begin{array}{c} \overline{2} \cdot 21920 \\ \overline{2} \cdot 22676 \\ \overline{2} \cdot 23419 \\ \overline{2} \cdot 24149 \end{array} $	$ \frac{2 \cdot 21933}{2 \cdot 22688} $ $ \frac{2 \cdot 23431}{2 \cdot 24161} $	$\begin{array}{c} 2.21945 \\ \hline 2.22701 \\ \hline 2.23443 \\ \hline 2.24173 \end{array}$	5 4 3 2 1	43210
	and a property to the Residence of the Apple	PROPERTY OF THE PA		Marine Control of the	<u> 394844</u>		221000	2 2 4 8 8 9		0	
-9"	-8"	7"	-6"-	-5"-	-4·-	-9"-	3"	<u>-1"</u> る"	-0"		
/σ!'	9"	8"] 8"	LOGS 7"	6"	COSI	NES. +"	, 9	4	227	89°	
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'	0"	D.1"	10"	D. 1"	20"	D.1"	30"	D, 1"	40″	D.1"	50"	D. 1"	60″	
0 1 2 3 4	$\begin{array}{c} \overline{2} \cdot 24903 \\ \overline{2} \cdot 25609 \\ \overline{2} \cdot 26304 \\ \overline{2} \cdot 26988 \end{array}$	11.9 11.7 11.5 11.3	$\begin{array}{c} \overline{2} \cdot 25022 \\ \overline{2} \cdot 25726 \\ \overline{2} \cdot 26419 \\ \overline{2} \cdot 27101 \end{array}$	11.8 11.6 11.4 11.3	$ \frac{2.25140}{2.25842} $ $ \frac{2.25842}{2.26533} $ $ \frac{2.27214}{2.27214} $	11.8 11.6 11.5 11.2	$\begin{array}{c} 2.25258 \\ 2.25958 \\ 2.26648 \\ 2.27326 \end{array}$	11.7 11.6 11.3 11.2	2-25375 2-26074 2-26761 2-27438	11.8 11.5 11.4 11.2	2·24785 2·25493 2·26189 2·26875 2·27550	11.6 11.5 11.3 11.1	$\begin{array}{c} 2.25609 \\ 2.26804 \\ 2.26988 \\ 2.27661 \end{array}$	58
5 6 7 8 9	$\begin{array}{ c c c c }\hline 2.28324 \\ \hline 2.28977 \\ \hline 2.29621 \\ \hline 2.30255 \\ \hline \end{array}$	11.0 10.8 10.6 10.4	$\begin{array}{c} 2.28434 \\ \hline 2.29085 \\ \hline 2.20727 \\ \hline 2.30359 \end{array}$	10.9 10.8 10.6 10.5	$ \begin{array}{c} \hline{2.28543} \\ \hline{2.29193} \\ \hline{2.29833} \\ \hline{2.30464} \end{array} $	10·9 10·7 10·6 10·4	$\begin{array}{c} 2.28652 \\ 2.29300 \\ 2.20939 \\ 2.30568 \end{array}$	10.9 10.7 10.5 10.4	2-28761 2-29407 2-30044 2-30672	10.8 10.7 10.6 10.4	2-28215 2-28869 2-29514 2-30150 2-30776	10.8 10.7 10.5 10.3	2-28977 2-29621 2-30255 2-30879	54 53 52 51 50
10 11 12 13 14	2.31495	10·2 10·0 9·9 9·8	2·31597 2·32203 2·32801 2·33390	10·2 10·0 9·8 9·8	2·31699 2·32303 2·32899 2·33488	10·1 10·0 9·9 9·7	2.81800 2.32403 2.32908 2.33585	10·1 10·0 9·8 9·7	2:31901 2:32503 2:33096 2:33682	10·1 9·9 9·9 9·7	2-81393 2-82002 2-82602 2-83195 2-83779	10·1 10·0 9·7 9·6	2-32103 2-32702 2-33292 2-33875	49 48 47 46 45
15 16 17 18 19	$\begin{array}{ c c c c c c }\hline 2.33875 \\ \hline 2.34450 \\ \hline 2.35018 \\ \hline 2.35578 \\ \hline 2.36131 \\\hline \end{array}$	9·6 9·4 9·3	2·33972 2·34546 2·35112 2·36671 2·36223	9·4 9·4 9·3 9·1	2:84068 2:84640 2:35206 2:85764 2:86314	9·5 9·3 9·2 9·1	2-34164 2-34735 2-35290 2-35856 2-36405	9·5 9·3 9·2 9·1	2-84260 2-84830 2-85892 2-85948 2-86496	9·4 9·3 9·2 9·1	2:84855 2:84924 2:85485 2:86040 2:86587	9·4 9·3 9·1 9·1	2-34450 2-35018 2-35578 2-36131 2-36678	42 41
20 21 22 23 24	$\begin{array}{c} 2.86678 \\ 2.87217 \\ 2.37750 \\ 2.88276 \\ 2.88796 \end{array}$	8·9 8·8 8·7	2:86768 2:87806 2:37838 2:88868 2:88882	8·9 8·8 8·7	2-36858 2-37395 2-37926 2-38450 2-38968	8·9 8·8 8·7	2.30948 2.37484 2.38014 2.38537 2.30054	8.9 8.7 8.7	2.87038 2.87573 2.88101 2.88624 2.89139	8·8 8·8 8·8	2-37128 2-37662 2-08189 2-88710 2-30225	8·8 8·7 8·6	2·37217 2·37750 2·38276 2·38700 2·39310	39 38 37 86 35
25 26 27 28 29	$\begin{array}{c} 2.39310 \\ 2.39818 \\ 2.40320 \\ 2.40816 \\ 2.41307 \end{array}$	8·4 8·3 8·2	2.39395 2.39902 2.40403 2.40898 2.41388	8·4 8·3 8·2	2-39480 2-39986 2-40486 2-40980 2-41469	8·4 8·3 8·2	2-39565 2-40070 2-40569 2-41062 2-41550	8·3 8·2 8·2	2-39649 2-40153 2-40651 2-41144 2-41631	8·4 8·8 8·1	2-89784 2-40287 2-40784 2-41225 2-41711	8·3 8·2 8·2	2.39818 2.40820 2.40816 2.41807 2.41792	84 88 32 81 30
30 31 32 33 34	$egin{array}{c} \hline 2 \cdot 41792 \\ \hline 2 \cdot 42272 \\ \hline 2 \cdot 42746 \\ \hline 2 \cdot 43216 \\ \hline 2 \cdot 43680 \\ \hline \end{array}$	7·9 7·9 7·7	2·41872 2·42351 2·42825 2·43293 2·43757	7·9 7·8 7·8	2·41952 2·42430 2·42903 2·43371 2·43834	8.0 7.9 7.7	2-42032 2-42510 2-42982 2-43448 2-43910	7·9 7·8 7·8	2-42112 2-42589 2-43060 2-43526 2-43987	7·8 7·8 7·7	2-42192 2-42667 2-43138 2-48608 2-44068	7·9 7·8 7·7	2·42272 2·42746 2·43216 2·43680 2·44139	29 28 27 26 25
35 36 87 38 89	2·44139 2·44594 2·45044 2·45489 2·45980	7·5 7·5 7·4	2·44216 2·44669 2·45119 2·45563 2·46003	7·6 7·4 7·4	2·44292 2·44745 2·45193 2·45637 2·46076	7·5 7·4 7·3	2.44367 2.44820 2.45267 2.45710 2.46149	7·5 7·4 7·4	2-44448 2-44895 2-45841 2-45784 2-46222	7·4 7·4 7·8	2-44519 2-44969 2-45415 2-46857 2-46294	7·5 7·4 7·3	2.44594 2.45044 2.45489 2.45930 2.46866	24 23 22 21 20
40 41 42 43 44	2·46366 2·46799 2·47226 2·47650 2·48069	7·1 7·1 7·0	2.46439 2.46870 2.47297 2.47720 2.48139	7·2 7·1 7·0	2·46511 2·46942 2·47868 2·47700 2·48208	7·1 7·1 7·0	2-46588 2-47018 2-47489 2-47860 2-48278	7·1 7·0 7·0	2.46655 2.47084 2.47509 2.47980 2.48347	7·1 7·1 7·0	2.46727 2.47155 2.47580 2.48000 2.48416	7·1 7·0 6·9	2.46799 2.47226 2.47650 2.48060 2.48485	19 18 17 16 15
45 46 47 48 49	2·48485 2·48896 2·49804 2·49708 2·50108	6·9 6·8 6·7	2·48554 2·48965 2·49372 2·49775 2·50174	6·8 6·7 6·7	2·48622 2·49033 2·49489 2·49842 2·50241	6·8 6·7 6·6	2·48691 2·49101 2·49506 2·49908 2·50807	6-8 6-8 6-7	2.48760 2.49169 2.49574 2.49975 2.50878	6.7 6.7 6.7	2-48828 2-49286 2-49641 2-50042 2-50439	6·8 6·7 6·6	2.48896 2.49304 2.49708 2.50108 2.50504	14 13 12
50 51 52 53 54	2.50504 2.50897 2.51287 2.51673 2.52055	6·6 6·4 6·4	2.50570 2.50963 2.51351 2.51737 2.52119	6.5 6.4	2.50636 2.51028 2.51416 2.51801 2.52182	6·4 6·4 6·3	2.50701 2.51092 2.51480 2.51864 2.52245	6·6 6·5 6·4 6·4	2.50767 2.51157 2.51544 2.51928 2.52308	6·5 6·5 6·4	2.50832 2.51222 2.51609 2.51992 2.52871	6.5 6.5 0.4 6.8	2.50897 2.51287 2.51673 2.52055 2.52434	9 8 7 6 5
55 56 57 58 59	2.52434 2.52810 2.58188 2.58552 2.58919	6·3 6·2 6·2 6·2	2.52497 2.52872 2.58245 2.58614 2.53979	6·3 6·1 6·1	2.52560 2.52935 2.53306 2.53675 2.54040	6·3 6·2 6·2 6·1	2.52623 2.52997 2.53368 2.53786 2.54101	6·2 6·2 6·1 6·1	2.52685 2.53059 2.53429 2.53797 2.54161	6·2 6·2 6·1	2.52748 2.58121 2.58491 2.53858 2.54222	6·2 6·1 6·1	2.52810 2.53183 2.58552 2.58919 2.54282	4 3 2 1
	60"	D. 1"	-	D.1"	40"	D, 1"	THE RESERVE THE PARTY OF THE PA	D, 1"	MODERN NAME AND ADDRESS OF	D. 1"	10"	1). 17	and on againment	,
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LOGS OF COSINES.

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,	0″	D.1"	10″	D.1"	20″	D.1"	30"	D.1"	40″	D.1"	50″	D.1"	60″	
0 1 2 3 4	$\begin{array}{c} \hline{2.54282} \\ \hline{2.54642} \\ \hline{2.54999} \\ \hline{2.55354} \\ \hline{2.55705} \\ \end{array}$	6·0 6·0 5·9 5·9	$\begin{array}{c} \overline{2}.54342 \\ \overline{2}.54702 \\ \overline{2}.55059 \\ \overline{2}.55413 \\ \overline{2}.55764 \end{array}$	6·0 5·9 5·8 5·8	$\begin{array}{c} \overline{2} \cdot 54402 \\ \overline{2} \cdot 54762 \\ \overline{2} \cdot 55118 \\ \overline{2} \cdot 55471 \\ \overline{2} \cdot 55822 \end{array}$	6·0 5·9 5·9 5·9 5·8	$\begin{array}{c} \overline{2.54462} \\ \overline{2.54821} \\ \overline{2.55177} \\ \overline{2.55530} \\ \overline{2.55880} \\ \end{array}$	6·0 5·9 5·9 5·8	$\begin{array}{c} \overline{2}.54522 \\ \overline{2}.54881 \\ \overline{2}.55236 \\ \overline{2}.55589 \\ \overline{2}.55938 \end{array}$	6·0 5·9 5·9 5·8	$\begin{array}{c} \overline{2.54582} \\ \overline{2.54940} \\ \overline{2.55295} \\ \overline{2.55647} \\ \overline{2.55996} \end{array}$	6·0 5·9 5·9 5·8 5·8	$\begin{array}{c} \overline{2} \cdot 54642 \\ \overline{2} \cdot 54999 \\ \overline{2} \cdot 55354 \\ \overline{2} \cdot 55705 \\ \overline{2} \cdot 56054 \end{array}$	59 58 57 56 55
5 6 7 8 9	$\begin{array}{c} \hline{2.56054} \\ \hline{2.56400} \\ \hline{2.56743} \\ \hline{2.57084} \\ \hline{2.57421} \\ \end{array}$	5·8 5·7 5·7 5·6 5·6	2.56112 2.56457 2.56800 2.57140 2.57477	5·8 5·8 5·7 5·6 5·6	$ \frac{2.56170}{2.56515} $ $ \frac{2.56515}{2.56857} $ $ \frac{2.57196}{2.57533} $	5·7 5·7 5·7 5·7 5·6	$\begin{array}{c} \overline{2}.56227 \\ \overline{2}.56572 \\ \overline{2}.56914 \\ \overline{2}.57253 \\ \overline{2}.57589 \\ \end{array}$	5·7 5·6 5·6 5·6	$\begin{array}{c} \overline{2}.56285 \\ \overline{2}.56629 \\ \overline{2}.56970 \\ \overline{2}.57309 \\ \overline{2}.57645 \end{array}$	5·7 5·7 5·6 5·6	$\begin{array}{c} \overline{2} \cdot 56342 \\ \overline{2} \cdot 56686 \\ \overline{2} \cdot 57027 \\ \overline{2} \cdot 57365 \\ \overline{2} \cdot 57701 \end{array}$	5·8 5·7 5·6 5·6	$\begin{array}{c} \overline{2} \cdot 56400 \\ \overline{2} \cdot 56743 \\ \overline{2} \cdot 57084 \\ \overline{2} \cdot 57421 \\ \overline{2} \cdot 57757 \end{array}$	54 53 52 51 50
10 11 12 18 14	$\begin{array}{c} 2.57757 \\ 2.58089 \\ 2.58419 \\ 2.58747 \\ 2.59072 \end{array}$	5·5 5·5 5·5 5·4 5·4	2.57812 2.58144 2.58474 2.58801 2.50126	5·6 5·5 5·5 5·4	2.57868 2.58200 2.58529 2.58856 2.59180	5·5 5·5 5·4 5·4	$ \begin{array}{r} \hline{2.57923} \\ \hline{2.58255} \\ \hline{2.58583} \\ \hline{2.58910} \\ \hline{2.59234} $	5·5 5·5 5·4 5·4	$\begin{array}{c} \overline{2}.57979 \\ \overline{2}.58310 \\ \overline{2}.58638 \\ \overline{2}.58964 \\ \overline{2}.59288 \end{array}$	5·5 5·4 5·5 5·4 5·3	$ \begin{array}{r} \hline \hline \hline \hline \hline $	5·5 5·4 5·4 5·4	$ \begin{array}{r} \hline \hline{2.58089} \\ \hline \hline{2.58419} \\ \hline \hline{2.58747} \\ \hline \hline{2.59072} \\ \hline \hline $	49 48 47 46 45
15 16 17 18 19	$\begin{array}{c} \hline{2.59395} \\ \hline{2.59715} \\ \hline{2.60038} \\ \hline{2.60349} \\ \hline{2.60662} \end{array}$	5·3 5·3 5·3 5·2 5·2	2.59448 2.59768 2.60086 2.60401 2.60714	5·4 5·3 5·3 5·3 5·2	2.59502 2.59821 2.60139 2.60454 2.60766	5·3 5·3 5·2 5·2 5·2	$ \begin{array}{r} \hline 2.59555 \\ \hline 2.59874 \\ \hline 2.60191 \\ \hline 2.60506 \\ \hline 2.60818 \\ \end{array} $	5·3 5·3 5·2 5·2	$\begin{array}{c} \overline{2}.59609 \\ \overline{2}.59927 \\ \overline{2}.60244 \\ \overline{2}.60558 \\ \overline{2}.60870 \end{array}$	5·3 5·3 5·2 5·2 5·2	$\begin{array}{c} \overline{2} \cdot 59662 \\ \overline{2} \cdot 59980 \\ \overline{2} \cdot 60296 \\ \overline{2} \cdot 60610 \\ \overline{2} \cdot 60922 \end{array}$	5·3 5·3 5·2 5·1	$ \begin{array}{r} \hline 2.59715 \\ \hline 2.60033 \\ \hline 2.60349 \\ \hline 2.60662 \\ \hline 2.60973 \\ \end{array} $	44 43 42 41 40
20 21 22 23 24	$\begin{array}{c} \hline{2.60973} \\ \hline{2.61282} \\ \hline{2.61589} \\ \hline{2.61894} \\ \hline{2.62196} \end{array}$	5·2 5·2 5·1 5·0 5·0	2.61025 2.61334 2.61640 2.61944 2.62246	5·2 5·1 5·1 5·1 5·1	2.61077 2.61385 2.61691 2.61995 2.62297	5·1 5·1 5·0 5·0	$\begin{array}{c} \overline{2} \cdot 61128 \\ \overline{2} \cdot 61436 \\ \overline{2} \cdot 61742 \\ \overline{2} \cdot 62045 \\ \overline{2} \cdot 62347 \end{array}$	5·1 5·0 5·1	$\begin{array}{c} \hline{2.61180} \\ \hline{2.61487} \\ \hline{2.61792} \\ \hline{2.62096} \\ \hline{2.62397} \end{array}$	5·1 5·1 5·0 5·0	$ \frac{2.61231}{2.61538} $ $ \frac{2.61538}{2.61843} $ $ \frac{2.62146}{2.62447} $	5·1 5·1 5·0 5·0	$ \frac{2.61282}{2.61589} $ $ \frac{2.61589}{2.62196} $ $ \frac{2.62196}{2.62497} $	39 38 37 36 35
25 26 27 28 29	$\begin{array}{ c c c }\hline 2.62497\\\hline 2.62795\\\hline 2.63091\\\hline 2.63385\\\hline 2.63678\\\hline \end{array}$	4·9 4·9 4·9 4·9 4·8	2-62546 2-62844 2-63140 2-63434 2-63726	5·0 5·0 4·9 4·9	2.62596 2.62894 2.63189 2.63483 2.63775	5.0 4.9 4.9 4.9 4.9	$\begin{array}{c} 2.62646 \\ 2.62943 \\ 2.63238 \\ 2.63532 \\ \hline 2.63823 \end{array}$	5·0 5·0 4·8	$\begin{array}{c} \overline{2}.62696 \\ \overline{2}.62993 \\ \overline{2}.63288 \\ \overline{2}.63580 \\ \overline{2}.63871 \end{array}$	$\frac{4.9}{4.8}$	$\begin{array}{c} \overline{2} \cdot 62745 \\ \overline{2} \cdot 63042 \\ \overline{2} \cdot 63336 \\ \overline{2} \cdot 63629 \\ \overline{2} \cdot 63920 \end{array}$	5·0 4·9 4·9 4·9 4·8	$\begin{array}{c} \overline{2} \cdot 62795 \\ \overline{2} \cdot 63091 \\ \overline{2} \cdot 63385 \\ \overline{2} \cdot 63678 \\ \overline{2} \cdot 63968 \end{array}$	34 33 32 31 30
30 31 32 33 34	$\begin{array}{c} 2.63968 \\ 2.64256 \\ 2.64548 \\ 2.64827 \\ 2.65110 \end{array}$	4·8 4·8 4·7 4·8 4·7	2.64016 2.64304 2.64590 2.64875 2.65157	4·8 4·8 4·8 4·7 4·7	2.64064 2.64852 2.64638 2.64922 2.65204	4·8 4·8 4·7 4·7	2.64112 2.64400 2.64685 2.64969 2.65251	4·8 4·8 4·7	$\begin{array}{c} \hline{2.64160} \\ \hline{2.64448} \\ \hline{2.64733} \\ \hline{2.65016} \\ \hline{2.65298} \end{array}$	4.7	$\begin{array}{c} \mathbf{\overline{2}.64208} \\ \mathbf{\overline{2}.64495} \\ \mathbf{\overline{2}.64780} \\ \mathbf{\overline{2}.65063} \\ \mathbf{\overline{2}.65344} \end{array}$	4·8 4·8 4·7 4·7	$\begin{array}{c} \overline{2} \cdot 64256 \\ \overline{2} \cdot 64543 \\ \overline{2} \cdot 64827 \\ \overline{2} \cdot 65110 \\ \overline{2} \cdot 65391 \end{array}$	29 28 27 26 25
35 36 37 38 39	2.65391 2.65670 2.65947 2.66223 2.66497	4·7 4·7 4·6 4·5	2.65438 2.65717 2.65994 2.66269 2.66542	4·6 4·6 4·6 4·5 4·6	2.65484 2.65763 2.66040 2.66314 2.66588	4·7 4·6 4·5 4·6 4·5	$ \begin{array}{r} \hline 2.65531 \\ \hline 2.65809 \\ \hline 2.66085 \\ \hline 2.66330 \\ \hline 2.66633 \\ \end{array} $	4·6 4·6 4·6	2.65577 2.65855 2.66131 2.66406 2.66678	4·7 4·6 4·6 4·5 4·6	$\begin{array}{c} \mathbf{\overline{2}.65624} \\ \mathbf{\overline{2}.65901} \\ \mathbf{\overline{2}.66177} \\ \mathbf{\overline{2}.66451} \\ \mathbf{\overline{2}.66724} \end{array}$	4·6 4·6 4·6 4·6 4·5	$\begin{array}{c} \underline{2.65670} \\ \underline{2.65947} \\ \underline{2.66223} \\ \underline{2.66497} \\ \underline{2.66769} \end{array}$	24 23 22 21 20
40 41 42 43 44	2.66769 2.67039 2.67308 2.67575 2.67541	4.5 4.5 4.5 4.4 4.4	2.66814 2.67084 2.67353 2.67619 2.67885	4·5 4·5 4·4 4·5 4·4	2.66859 2.67129 2.67397 2.67664 2.67929	4.5 4.5 4.5 4.4 4.4	2.66904 2.67174 2.67442 2.67708 2.67978	4·5 4·4 4·4	2.66949 2.67219 2.67486 2.67752 2.68017	4·4 4·5	$\begin{array}{c} \underline{2.66994} \\ \underline{2.67263} \\ \underline{2.67531} \\ \underline{2.67796} \\ \underline{2.68060} \end{array}$	4·5 4·4 4·4 4·5	$\begin{array}{c} \overline{2}.67039 \\ \overline{2}.67308 \\ \overline{2}.67575 \\ \overline{2}.67841 \\ \overline{2}.68104 \end{array}$	19 18 17 16 15
45 46 47 48 49	$\begin{array}{c} 2.68104 \\ 2.68807 \\ 2.68627 \\ 2.68886 \\ 2.69144 \end{array}$	4·4 4·3 4·3 4·3 4·3	2.68148 2.68410 2.68670 2.68929 2.69187	4·4 4·4 4·3 4·2	2.68192 2.68454 2.68714 3.68972 2.69229	4·4 4·3 4·3 4·3	2.68286 2.68497 2.68757 2.69015 2.69272	4·3 4·3 4·3	$\begin{array}{c} \mathbf{\overline{2} \cdot 68279} \\ \mathbf{\overline{2} \cdot 68540} \\ \mathbf{\overline{2} \cdot 68800} \\ \mathbf{\overline{2} \cdot 69058} \\ \mathbf{\overline{2} \cdot 69315} \end{array}$	4·3 4·3	$\begin{array}{c} \mathbf{\overline{2}.68323} \\ \mathbf{\overline{2}.68584} \\ \mathbf{\overline{2}.68843} \\ \mathbf{\overline{2}.69101} \\ \mathbf{\overline{2}.69357} \end{array}$	4.3	$\begin{array}{c} \underline{2.68367} \\ \underline{2.68627} \\ \underline{2.68886} \\ \underline{2.69144} \\ \underline{2.69400} \end{array}$	14 18 12 11 10
50 51 52 53 54	2.69400 2.69654 2.69907 2.70159 2.70409	4·3 4·2 4·2	2.69442 2.69697 2.69949 2.70201 2.70451	4·3 4·2 4·2 4·1 4·1	2.69485 2.69789 2.69991 2.70242 2.70492	4·2 4·2 4·2 4·2 4·2	$\begin{array}{c} \hline{2.69527} \\ \hline{2.69781} \\ \hline{2.70033} \\ \hline{2.70284} \\ \hline{2.70534} \end{array}$	4·2 4·2 4·2	$\begin{array}{c} \underline{2}.69570 \\ \underline{2}.69823 \\ \underline{2}.70075 \\ \underline{2}.70326 \\ \underline{2}.70575 \end{array}$	$4 \cdot 2 \\ 4 \cdot 2 \\ 4 \cdot 1$	$\begin{array}{c} \underline{2.69612} \\ \underline{2.69865} \\ \underline{2.70117} \\ \underline{2.70367} \\ \underline{2.70616} \end{array}$	$4 \cdot 2 \\ 4 \cdot 2 \\ 4 \cdot 2$	$\begin{array}{c} \mathbf{\overline{2} \cdot 69654} \\ \mathbf{\overline{2} \cdot 69907} \\ \mathbf{\overline{2} \cdot 70159} \\ \mathbf{\overline{2} \cdot 70409} \\ \mathbf{\overline{2} \cdot 70658} \end{array}$	9 8 7 6 5
55 56 57 58 59	2.70658 2.70905 2.71151 2.71895 2.71638	4·1 4·1 4·1	2·70699 2·70946 2·71192 2·71436 2·71679	4.0	2.70740 2.70987 2.71232 2.71476 2.71719	4.1	2.70781 2.71028 2.71273 2.71517 2.71759	4·1 4·1 4·0	2·70823 2·71069 2·71314 2·71557 2·71800	4·1 4·1 4·1	$ \frac{2.70864}{2.71110} $ $ \frac{2.71355}{2.71598} $ $ \frac{2.71840}{2.71840} $	4·1 4·0 4·0	$\begin{array}{c} \overline{2} \cdot 70905 \\ \overline{2} \cdot 71151 \\ \overline{2} \cdot 71395 \\ \overline{2} \cdot 71638 \\ \overline{2} \cdot 71880 \end{array}$	4 3 2 1 0
*****	60"	D. 1"	50″	1).1"	40″	D.1"	30"	D. 1'	20″	D.1"	10″	D. 1'		•
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LOGS OF COSINES.

0° TRIGONOMETRICAL FUNCTIONS & THEIR LOGS.

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[Sine.	D. 1".	Log Sin	D. 1"	Tan.	D. 1".	Log Tan	D. 1"	Sec.	D. 1"	. Log Sec.		
0 1 2 3 4	0.00029	0·48 0·48 0·48	$-\infty$ $\overline{4.46378}$ $\overline{4.76476}$ $\overline{4.94085}$ $\overline{3.06579}$; ;	0.00000 0.00029 0.00058 0.00087 0.00116	0·48 0·48 0·48 0·48	$-\infty$ $\overline{4.46373}$ $\overline{4.76476}$ $\overline{4.94085}$ $\overline{3.06579}$		1.00000 1.00000 1.00000 1.00000	0.00	0.00000 0.00000 0.00000	0.00 0.00 0.00	59 58 57
5 6 7 8 9	0.00145 0.00175 0.00204 0.00233 0.00202	0·48 0·48 0·48	$\frac{3}{5} \cdot 16270$ $\frac{3}{5} \cdot 24188$ $\frac{3}{5} \cdot 30882$ $\frac{3}{5} \cdot 36682$		0.00145 0.00175 0.00204 0.00233 0.00262	0·48 0·48 0·48	\$\frac{3}{3}\delta 270 \$\frac{3}{2}\delta 188 \$\frac{3}{3}\delta 882 \$\frac{3}{3}\delta 682 \$\frac{4}{4}\delta 97	.122	1.00000 1.00000 1.00000 1.00000	0.00 0.00	0.00000 0.00000 0.00000 0.00000	0.00 0.00	54 53 52
10 11 12 13 14	0.00291 0.00320 0.00349 0.00378 0.00407	0·48 0·48 0·48	\$\frac{3}{3}\cdot 46373\$ \$\frac{3}{5}\cdot 50512\$ \$\frac{5}{4291}\$ \$\frac{3}{5}\cdot 57767\$ \$\frac{6}{3}\cdot 60985\$		0.00291 0.00320 0.00349 0.00378 0.00407	0·48 0·48	3.46373 3.50512 8.54291 3.57767 3.60986	te on pc	1.00000 1.00001 1.00001 1.00001 1.00001		0.00000 0.00000 0.00000 0.00000		49
15 16 17 18	0.00436 0.00465 0.00495 0.00524 0.00553	0.48 0.50 0.48 0.48	3.63982 3.66784 3.69417 3.71900 3.74248	ding pages	0.00436 0.00465 0.00495 0.00524 0.00558	0.48 0.50 0.48 0.48 0.48	3.63982 3.66785 3.69418 3.71900 3.74248	lages and N	1.00001 1.00001 1.00001 1.00001 1.00002	0.00 0.00 0.00 0.02 0.00	0.00000 0.00000 0.00001 0.00001 0.00001	0.00 0.02 0.00 0.00 0.00	45 44 43 42 41
20 21 22 23	0.00582 0.00611 0.00640 0.00669 0.00698	0·48 0·48 0·48 0·48	3.76475 8.78594 3.80615 3.82545 3.84393	366	0.00582 0.00611 0.00640 0.00669 0.00698	0·48 0·48 0·48 0·48 0·48	3.76476 3.78595 3.80615 3.82546 3.84394	preceding	1.00002 1.00002 1.00002 1.00002 1.00002	0.00 0.00 0.00 0.00 0.00	0.00001 0.00001 0.00001 0.00001 0.00001	0.00 0.00 0.00	40 39 38 37 36
24 25 26 27 28 29	0.0072 7 0.00756 0.00785 0.00814 0.00844	0.48 0.48 0.48 0.50	3.80106 3.87870 3.89509 3.91088 3.92612	Sines and Cosines,	0.00727 0.00756 0.00785 0.00815 0.00844	0·48 0·48 0·50 0·48 0·48	3.86167 3.87871 3.89510 3.91689 3.92613	Cotangents, see	1.00003 1.00003 1.00003 1.00003 1.00004	0.00 0.00 0.00 0.00 0.02 0.00	0.00001 0.00001 0.00001 0.00001 0.00002	0.00 0.00 0.00 0.00 0.02 0.00	35 34 38 32 31
30 31 32 33 34	0.00873 0.00902 0.00931 0.00960 0.00989		8.94084 8.95508 8.96887 8.98228 8.99520	Logs of	0.00873 0.00902 0.00931 0.00960 0.00989	0·48 0·48 0·48 0·48 0·48	8-94086 8-95510 8-96889 8-98225 8-98522	and	1.00004 1.00004 1.00004 1.00005 1.00005	0.00 0.00 0.02 0.00 0.00	0.00002 0.00002 0.00002 0.00002 0.00002	0.00 0.00 0.00	30 29 28 27 28
35 36 37 38 39	0.01018 0.01047 0.01076 0.01105 0.01184	0.48 0.48 0.48 0.48	2.00779 2.02002 2.03192 2.04350 2.05478	ralues of the	0.01018 0.01047 0.01076 0.01105 0.01185	0.48 0.48 0.48 0.50 0.48	2.00781 2.02004 2.03194 2.04358 2.05481	Logs of Tangents	1-00005 1-00005 1-00006 1-00006	0.00 0.02 0.00 0.00 0.00	0.00002 0.00002 0.00003 0.00003 0.00003	0.00 0.02 0.00 0.00 0.00	25 24 23 22 21
40 41 42 48 44	0.01164 0.01193 0.01222 0.01251 0.01280	0·48 0·48 0·48 0·48 0·48	2.06578 2.07650 2.08696 2.09718 2.10717	intermediate 1	0·01164 0·01193 0·01222 0·01251 0·01280	0·48 0·48 0·48 0·48	2.06581 2.07658 2.08700 2.08722 2.10720	of the	1.00007 1.00007 1.00007 1.00008 1.00008	0 00 0 00 0 00 0 00 0 02	0.00008 0.00008 0.00008 0.00008 0.00004	0.00 0.00 0.00 0.02 0.00	20 19 18 17 16
45 46 47 48 49	0.01309 0.01338 0.01367 0.01396 0.01425	0.48 0.48 0.48 0.48	2·11698 2·12647 2·13581 2·14495 2·15931	For in	0.01309 0.01338 0.01367 0.01396 0.01425	0·48 0·48 0·48 0·48 0·50	2·11696 2·12651 2·13585 2·14500 2·15395	mediate values	1.00009 1.00009 1.00009 1.00010 1.00010	0.00 0.00 0.02 0.00 0.02	0.00004 0.00004 0.00004 0.00004 0.00004	0.00 0.00 0.00 0.00 0.00	15 14 18 12 11
50 51 52 58 54	0·01454 0·01483 0·01518 0·01542 0·01571	0.48 0.50 0.48 0.48	2.16268 2.17128 2.17971 2.18798 2.19610		0·01455 0·01484 0·01518 0·01542 0·01571	0.48 0.48 0.48 0.48	2·16278 2·17138 2·17976 2·18804 2·19616	For interm	1:00011 1:00011 1:00011 1:00012	0·00 0·00 0·02 0·00	0-00005 0-00005 0-00005 0-00005 0-00005	0.00 0.00 0.00	10 9 8 7 6
55 56 57 58 59	0.01600 0.01629 0.01658 0.01687	0.48 0.48 0.48 0.48 0.48	2·20407 2·21189 2·21958 2·22718 2·23456		0.01600 0.01629 0.01658 0.01687	0.48 0.48 0.48 0.48 0.50	2.20418 2.21195 2.21964 2.22720		1.00012 1.00013 1.00014 1.00014	0.02 0.00 0.02 0.00 0.02	0.00008 0.00008 0.00006 0.00008	0.00 0.00 0.00	5 4 3 2 1
60	0·01716 0·01745	0.46	2·23466 2·24186		0.01716 0.01746	Varu	2·23462 2·24192		1.00015 1.00015	0.00	0.00006	0.02	0
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1",	Conec.	D. 1".	Log Cosec.	D.1".	,

TRIGONOMETRICAL FUNCTIONS & THEIR LOGS. 1°

							<u> </u>	10	CC 11.	LEIL	CLU	J \	1
•	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0 1 2 3	0.01745 0.01774 0.01803 0.01832	0.48 0.48 0.48 0.50	$\begin{array}{c} \hline{2.24186} \\ \hline{2.24903} \\ \hline{2.25609} \\ \hline{2.26304} $		0.01746 0.01775 0.01804 0.01833	0·48 0·48 0·48 0·48	$\begin{array}{c} \overline{2} \cdot 24192 \\ \overline{2} \cdot 24910 \\ \overline{2} \cdot 25616 \\ \overline{2} \cdot 26312 \end{array}$		1.00015 1.00016 1.00016 1.00017	0·02 0·00 0·02 0·00	0·00007 0·00007 0·00007 0·00007	0·00 0·00 0·00 0·02	60 59 58 57
4 5 6 7	0.01862 0.01891 0.01920 0.01949 0.01978	0·48 0·48 0·48 0·48 0·48	2.26988 2.27661 2.28324 2.28977 2.29621		0.01862 0.01891 0.01920 0.01949	0·48 0·48 0·48	2·26996 2·27669 2·28332 2·28986	•	1.00017 1.00018 1.00018 1.00019	0·02 0·00 0·02 0·02	0.00008 0.00008 0.00008 0.00008	0.00 0.00 0.00	56 55 54 53
8 9 10 11	0.02007 0.02036 0.02065	0·48 0·48 0·48	2.30255 2.30879 2.31495		$0.01978 \\ 0.02007 \\ 0.02036 \\ 0.02066$	0·48 0·48 0·50 0·48	$ \frac{2.29629}{2.30263} $ $ \frac{2.30888}{2.31505} $	page 221.	1.00020 1.00020 1.00021 1.00021	0·00 0·02 0·00 0·02	0.00008 0.00009 0.00009	0.02 0.00 0.00 0.02	52 51 50 49
12 13 14 15	0.02094 0.02123 0.02152 0.02181	0.48 0.48 0.48 0.50	$\begin{array}{c} 2.32103 \\ 2.32702 \\ \overline{2}.33292 \\ 2.33875 \end{array}$	pages.	$ \begin{array}{c} 0.02095 \\ 0.02124 \\ 0.02153 \\ 0.02182 \end{array} $	0.48 0.48 0.48	2.32112 2.32711 2.33302 2.33886	Note on	1.00022 1.00023 1.00023 1.00024	0·02 0·00 0·02 0·00	0.00010 0.00010 0.00010 0.00010	0.00 0.00 0.00 0.02	48 47 46 45
16 17 18 19	0.02211 0.02240 0.02269 0.02298 0.02327	0.48 0.48 0.48 0.48 0.48	2.34450 2.35018 2.35578 2.36131 2.36678	бı	0.02211 0.02240 0.02269 0.02298 0.02328	0·48 0·48 0·48 0·50 0·48	$ \frac{2.34461}{2.35029} $ $ \frac{2.35590}{2.36143} $ $ \frac{2.36689}{2.36689} $	t pages and	1.00024 1.00025 1.00026 1.00026	0·02 0·02 0·00 0·02	0·00011 0·00011 0·00011 0·00011	0.00 0.00 0.00 0.02	44 43 42 41
20 21 22 23 24	$\begin{array}{c} 0.02350 \\ 0.02385 \\ 0.02414 \\ 0.02443 \end{array}$	0·48 0·48 0·48 0·48	2.37217 2.37750 2.38276 2.38796	sines, see	0.02328 0.02357 0.02386 0.02415 0.02444	0.48 0.48 0.48 0.48	$\begin{array}{c} 2.37229 \\ \overline{2}.37762 \\ \overline{2}.38289 \\ \overline{2}.38809 \end{array}$	se preceding	$\begin{array}{c} 1.00027 \\ 1.00028 \\ 1.00028 \\ 1.00029 \\ 1.00030 \end{array}$	0·02 0·00 0·02 0·02 0·02	0.00012 0.00012 0.00012 0.00013 0.00013	0.00 0.00 0.02 0.00 0.00	40 39 38 37 36
25 26 27 28 29	0.02472 0.02501 0.02580 0.02560 0.02589	0.48 0.48 0.50 0.48 0.48	2.39310 2.39818 2.40320 2.40816 2.41307	ınd	$ \begin{vmatrix} 0.02473 \\ 0.02502 \\ 0.02531 \\ 0.02560 \\ 0.02589 \end{vmatrix} $	0·48 0·48 0·48 0·48 0·50	$\begin{array}{c} \hline{2.39323} \\ \hline{2.39832} \\ \hline{2.40334} \\ \hline{2.40830} \\ \hline{2.41321} \end{array}$	Cotangents, see	1.00031 1.00031 1.00032 1.00033 1.00034	0·00 0·02 0·02 0·02 0·00	0.00013 0.00014 0.00014 0.00014 0.00015	0.02 0.00 0.00 0.02 0.00	35 34 33 32 31
30 31 32 33 34	$\begin{array}{c} 0.02618 \\ 0.02647 \\ 0.02676 \\ 0.02705 \\ 0.02734 \end{array}$	0.48 0.48 0.48 0.48 0.48	2·41792 2·42272 2·42746 2·43216 2·43680	Logs of	$\begin{array}{ c c c c c c }\hline 0.02619 \\ 0.02648 \\ 0.02677 \\ 0.02706 \\ 0.02735 \end{array}$	0·48 0·48 0·48 0·48	2·41807 2·42287 2·42762 2·43232 2·43696	puv	1.00034 1.00035 1.00036 1.00037 1.00037	0·02 0·02 0·02 0·00 0·00	0.00015 0.00015 0.00016 0.00016 0.00016	0.00 0.02 0.00 0.00 0.00	30 29 28 27 26
35 36 37 38 39	0.02703 0.02792 0.02821 0.02850 0.02879	0·48 0·48 0·48 0·48 0·48	2·44139 2·44594 2·45044 2·45489 2·45930	raines of	0.02764 0.02793 0.02822 0.02851 0.02881	0·48 0·48 0·48 0·50 0·48	2.44156 2.44611 2.45061 2.45607 2.45948	Logs of Tangents	1.00038 1.00039 1.00040 1.00041 1.00041	0·02 0·02 0·02 0·00 0·02	0.00017 0.00017 0.00017 0.00018 0.00018	0.00 0.00 0.02 0.00 0.00	25 24 23 22 21
40 41 42 43 44	0.02908 0.02938 0.02967 0.02996 0.08025	0·50 0·48 0·48 0·48 0·48	2·46366 2·46799 2·47226 2·47650 2·48069	For intermediate	0.02910 0.02939 0.02968 0.02997 0.03026	0·48 0·48 0·48 0·48 0·48	2·46385 2·46817 2·47245 2·47669 2·48089	raines of the L	1.00042 1.00043 1.00044 1.00045 1.00046	0.02 0.02 0.02 0.02 0.02	0.00018 0.00019 0.00019 0.00019 0.00020	0.02 0.00 0.00 0.02 0.00	20 19 18 17 16
45 46 47 48 49	0.03054 0.03083 0.03112 0.03141 0.03170	0·48 0·48 0·48 0·48 0·48	2.48485 2.48896 2.49304 2.49708 2.50108	For i	0.03055 0.03084 0.03114 0.03143 0.03172	0.48 0.50 0.48 0.48 0.48	2·48505 2·48917 2·49325 2·49729 2·50130	mediate	1.00047 1.00048 1.00048 1.00049 1.00050	0.02 0.00 0.02 0.02 0.02	0.00020 0.00021 0.00021 0.00021 0.00022	0.02 0.00 0.00 0.02 0.00	15 14 13 12 11
50 51 52 58 54	0.03199 0.03228 0.03257 0.03286 0.03316	0·48 0·48 0·48 0·50 0·48	2.50504 2.50897 2.51287 2.51673 2.52055		0.03201 0.03230 0.03259 0.03288 0.03317	0·48 0·48 0·48 0·48 0·48	$\begin{array}{c} \hline{2.50527} \\ \hline{2.50920} \\ \hline{2.51310} \\ \hline{2.51696} \\ \hline{2.52079} \end{array}$	For inter	1.00051 1.00052 1.00053 1.00054 1.00055	0·02 0·02 0·02 0·02 0·02	0.00022 0.00023 0.00023 0.00023 0.00024	0.02 0.00 0.00 0.02 0.00	10 9 8 7 6
55 56 57 58 59	0.03345 0.03374 0.03403 0.03432 0.03461	0·48 0·48 0·48 0·48 0·48	2.52434 2.52810 2.53183 2.53552 2.53019		0.03346 0.03376 0.03405 0.03434 0.03468	0·50 0·48 0·48 0·48 0·48	2.52459 2.52835 2.53208 2.53578 2.53945		1.00056 1.00057 1.00058 1.00059 1.00060	0·02 0·02 0·02 0·02 0·02	0.00024 0.00025 0.00025 0.00026 0.00026	0·02 0·00 0·02 0·00 0·00	5 4 3 2
60	0.03490 Cos.	a mondatotto, NATAGO	2.54282 Log Cos.	ĭ) 1″	0.03492		2.54308 Log Cot.	D. 1"	1.00061		0.00026 Log Coseo.		0
	-, -, -, -, -, -, -, -, -, -, -, -, -, -								.4 7 14		- 0 3		

2° TRIGONOMETRICAL FUNCTIONS & THEIR LOGS.

2	T 1/1/	JOI1	OME										
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".			Log Sec.	D. 1".	
0 1 2 3 4	0·03490 0·03519 0·03548 0·03577 0·03606	0.48 0.48 0.48 0.48 0.48	$\begin{array}{c} \overline{2}.54282 \\ \overline{2}.54642 \\ \overline{2}.54999 \\ \overline{2}.55354 \\ \overline{2}.55705 \end{array}$		0.03492 0.03521 0.03550 0.03579 0.03609	0·48 0·48 0·48 0·50 0·48	2.54308 2.54669 2.55027 2.55382 2.55734		1.00061 1.00062 1.00063 1.00064 1.00065	0.02 0.02 0.02 0.02 0.02	0.00026 0.00027 0.00027 0.00028 0.00028	0·02 0·00 0·02 0·00 0·02	60 59 58 57 56
5 6 7 8 9	0.03635 0.03664 0.03693 0.03723 0.03752	0·48 0·48 0·50 0·48 0·48	$\begin{array}{c} \overline{2.56054} \\ \overline{2.56400} \\ \overline{2.56743} \\ \overline{2.57084} \\ \overline{2.57421} \end{array}$		0.03638 0.03667 0.03696 0.03725 0.03754	0·48 0·48 0·48 0·48 0·48	2.56083 2.56429 2.56773 2.57114 2.57452	16 221.	1.00066 1.00067 1.00068 1.00069 1.00070	0·02 0·02 0·02 0·02 0·03	0.00029 0.00029 0.00030 0.00030 0.00031	0·00 0·02 0·00 0·02 0·00	55 54 53 52 51
10 11 12 13 14	0.03781 0.03810 0.03839 0.03868 0.03897	0·48 0·48 0·48 0·48 0·48	$\begin{array}{c} \underline{2.57757} \\ \underline{2.58089} \\ \underline{2.58419} \\ \underline{2.58747} \\ \underline{2.59072} \end{array}$. %	0.03783 0.03812 0.03842 0.03871 0.03900	0·48 0·50 0·48 0·48 0·48	2.57788 2.58121 2.58451 2.58779 2.59105	Note on page	1.00072 1.00073 1.00074 1.00075 1.00076	0.02 0.02 0.02 0.02 0.02	0.00031 0.00032 0.00032 0.00033	0.02 0.00 0.02 0.00 0.00	50 49 48 47 46
15 16 17 18 19	0.03926 0.03955 0.03984 0.04013 0.04042	0·48 0·48 0·48 0·48 0·48	2.59395 2.59715 2.60033 2.60349 2.60662	preceding pages.	0.03929 0.03958 0.03987 0.04016 0.04046	0·48 0·48 0·48 0·50 0·48	2.59428 2.59749 2.60068 2.60384 2.60698	pages and	1.00077 1.00078 1.00079 1.00081 1.00082	0·02 0·03 0·03 0·02 0·02	0.00033 0.00034 0.00035 0.00036	0·02 0·00 0·02 0·02 0·00	45 44 43 42 41
20 21 22 23 24	0.04071 0.04100 0.04129 0.04159 0.04188	0.48 0.50 0.48 0.48	2.60973 2.61282 2.61589 2.61894 2.62196	Cosines, see pr	0.04075 0.04104 0.04133 0.04102 0.04101	0·48 0·48 0·48 0·48	2.61009 2.61319 2.61626 2.61931 2.62234	see preceding	1.00083 1.00084 1.00085 1.00087 1.00088	0.02 0.03 0.03 0.02 0.03	0.00036 0.00037 0.00037 0.00038 0.00038	0·02 0·00 0·02 0·00 0·02	39 38 37 36
25 26 27 28 29	0.04217 0.04246 0.04275 0.04304 0.04333	0.48 0.48 0.48 0.48 0.48	2.62497 2.62795 2.63091 2.63385 2.63678	of Sines and Co	0.04220 0.04250 0.04279 0.04308 0.04337	0.50 0.48 0.48 0.48 0.48	2-62585 2-62884 2-63181 2-63426 2-63718	Cotangents, s	1.00089 1.00090 1.00091 1.00093 1.00094	0·02 0·03 0·03 0·02 0·03	0.00039 0.00039 0.00040 0.00040 0.00041	0·00 0·02 0·00 0·02 0·00	35 34 38 32 31
30 31 32 38 34	0.04362 0.04301 0.04420 0.04449 0.04478	0·48 0·48 0·48 0·48 0·48	2.63968 2.64256 2.64543 2.64827 2.65110	the Logs of S	0.04366 0.04395 0.04424 0.04454 0.04488	0.48 0.48 0.50 0.48 0.48	2.64009 2.64298 2.64585 2.64870 2.65154	Tangents and C	1-00005 1-00097 1-00098 1-00099 1-00100	0.03 0.02 0.02 0.02 0.03	0·00041 0·00042 0·00042 0·00048 0·00044	0.02 0.00 0.02 0.02 0.00	80 29 28 27 20
35 36 37 38 39	0.04507 0.04536 0.04565 0.04594 0.04628	0·48 0·48 0·48 0·48 0·50	2.65391 2.65670 2.65947 2.66223 2.66497	ralues of	0.04512 0.04541 0.04570 0.04500 0.04628	0·48 0·48 0·48 0·48 0·50	2.65435 2.65715 2.65998 2.66269 2.66543	Logs of Tan	1.00102 1.00103 1.00104 1.00106 1.00107	0.02 0.03 0.03 0.03	0.00044 0.00045 0.00045 0.00046 0.00046	0·02 0·00 0·02 0·00 0·02	25 24 28 22 21
40 41 42 48 44	0.04658 0.04682 0.04711 0.04740 0.04769	0·48 0·48 0·48 0·48	$\begin{array}{c} 2.60769 \\ 2.67089 \\ 2.67308 \\ 2.67575 \\ 2.67841 \end{array}$	intermediate	0.04658 0.04687 0.04716 0.04745 0.04774	0·48 0·48 0·48 0·48 0·48	2.66816 2.67087 2.67856 2.67624 2.67890	values of the	1.00108 1.00110 1.00111 1.00113 1.00114	0·03 0·02 0·08 0·02 0·02	0.00047 0.00048 0.00048 0.00049	0·02 0·00 0·02 0·00 0·02	20 19 18 17 16
45 46 47 48 49	0.04798 0.04827 0.04856 0.04885 0.04914	0·48 0·48 0·48 0·48 0·48	2.68104 2.68367 2.68627 2.68886 2.69144	For i	0.04808 0.04838 0.04862 0.04891 0.04920	0.50 0.48 0.48 0.48 0.48	2-68154 2-68417 2-68678 2-68938 2-69196	sediate	1.00115 1.00117 1.00118 1.00120 1.00121	0.03 0.03 0.03 0.02 0.02	0:00050 0:00051 0:00051 0:00052 0:00052	0·02 0·00 0·02 0·00 0·02	15 14 13 12 11
50 51 52 53 54	0.04948 0.04972 0.05001 0.05030 0.05059	0·48 0·48 0·48 0·48 0·48	2.69400 2.69654 2.69907 2.70159 2.70409		0·04949 0·04978 0·05007 0·05037 0·05066	0·48 0·48 0·50 0·48 0·48	2.69458 2.69708 2.69962 2.70214 2.70465	For interp	1.00122 1.00124 1.00125 1.00127 1.00128	0:03 0:02 0:03 0:03 0:03	0-00058 0-00054 0-00054 0-00055 0-00056	0·02 0·00 0·03 0·02 0·00	10 9 8 7 6
55 56 57 58 59	0.05088 0.05117 0.05146 0.05175 0.05205	0·48 0·48 0·48 0·50 0·48	$ \begin{array}{r} \overline{2} \cdot 70658 \\ \overline{2} \cdot 70905 \\ \overline{2} \cdot 71151 \\ \overline{2} \cdot 71395 \\ \overline{2} \cdot 71638 \end{array} $		0.05095 0.05124 0.05153 0.05182 0.05212	0·48 0·48 0·48 0·50 0·48	2·70714 2·70962 2·71208 2·71453 2·71697		1.00130 1.00131 1.00133 1.00134 1.00136	0·02 0·03 0·03 0·03 0·02	0.00056 0.00057 0.00058 0.00058 0.00059	0.02 0.02 0.00 0.02 0.02	5 4 8 2 1
60	0.05284	T) 411	2.71880	75 47	0.05241	T) +11	2.71940		1.00187	1 1#	0.00060 Log Cosec	71 111	0
	Сов.	D. 1".	Log Cos.	D. 1".	Cot.	17, 1",	Log Cot.	1), 1",	Cosec.	ρ , Γ ,	roa conec	17, 1 ,	'

ONOMETRICAL FUNCTIONS & THEIR LOGS. 3°

	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
34	0.48	2.71880	4.00	0.05241	0.48	2.71940	4.02	1.00137	0.03	0.00060	0.00	60
3	0.48	$\overline{2}$ ·72120	3.98	0.05270	0.48	$\frac{2}{2}$.72181	3.98	1.00131	0.03	0.00060	0.02	59
2	0.48	2.72359	3.97	0.05299	0.48	2.72420	3.98	1.00140	0.03	0.00061	0.02	58
21	0.48	2.72597	3.95	0.05328	0.48	$\overline{2}$ ·72659	3.95	1.00142	0.02	0.00062	0.00	57
50	0.48	2.72834	3.92	0.05357	0.50	2.72896	3.93	1.00143	0.03	0.00062	0.02	56
79	0.48	2.73069	3.90	0.05387	0.48	2.73132	3.90	1.00145	0.03	0.00063	0.02	55
8(0.48	2.73303	3.87	0.05416	0.48	2.73366	3.90	1.00147	0.02	0.00064	0.00	54
37	0.48	2.73535	3.87	0.05445	0.48	2.73600	3.87	1.00148	0.03	0.00064	0.02	53
16	0.48	2.73767	3.83	0.05474	0.48	2.73832	3.85	1.00150	0.02	0.00065	0.02	52
)5	0.48	2.73997	3.82	0.05503	0.20	2.74063	3.82	1.00151	0.03	0.00066	0.00	51
24	0.48	2.74226	3.80	0.05533	0.48	2.74292	3.82	1.00153	0.03	0.00066	0.02	50
53	0.48	2.74454	3.77	0.05562	0.48	2.74521	3.78	1.00155	0.02	0.00067	0.02	49
82	0.48	2.74680	3.77	0.05591	0.48	2.74748	3.77	1.00156	0.03	0.00068	0.00	48
1.1	0.48	2.74900	3.73	0.05620	0.48	2.74974	3.75	1.00158	0.02	0.00068	0.02	47
ŧΟ	0.48	2.75130	3.72	0.05649	0.48	2.75199	3.73	1.00159	0.03	0.00069	0.02	46
39	0.48	2.75353	3.70	0.05678	0.50	2.75423	3.70	1.00161	0.03	0.00070	0.02	45
8	0.48	2.75575	3.67	0.05708	0.48	2.75645	3.70	1.00163	0.02	0.00071	0.00	44
27	0.48	2.75795	3.67	0.05737	0.48	$\frac{2.75867}{5.75867}$	3.67	1.00164	0.03	0.00071	0.02	43
56	0.48	2.76015 2.76234	3.65	0.05766	0.48	2.76087	3.65	1.00166	0.03	0.00072	0.02	42
35	0.48	NO. 4	3.62	0.05795	0.48	2.76306	3.65	1.00168	0.02	0.00073	0.02	41
4	0.20	2.76451	3.60	0.05824	0.50	2.76525	3.62	1.00169	0.03	0.00074	0.00	40
14 70	0.48	2.76667	3.60	0.05854	0.48	2.76742	3.60	1.00171	0.03	0.00074	0.02	39
73	0.48	2.76883 2.77097	3.57 3.55	0.05883	0.48	2.76958	8.58	1.00173	0.03	0.00075	0.02	38
)2 31	0·48 0·48	2.77310	3.58	0.05912 0.05941	0·48 0·48	$\frac{2.77173}{2.77387}$	3.57	1.00175	0.02	0.00076	0.02	37
				ł .			8.55	1.00176	0.03	0.00077	0 00	36
0.0	0.48	2.77522	3.52	0.05970	0.48	2.77600	3.52	1.00178	0.03	0.00077	0.02	35
89 L8	0·48 0·48	2.77733 2.77943	3.50 3.48	0.05999	0.50	$\frac{2.77811}{2.78022}$	3.52	1.00180	0.03	0.00078	0.02	34
7	0.48	2.78152	8.47	0.06029	0·48 0·48	$\frac{2.78022}{2.78232}$	3.50 3.48	1.00182	0.02	0.00079	0.02	33
76	0.48	2.78360	3.47	0.06087	0.48	2.78441	3.47	1.00183 1.00185	0.03	0.00080	0.00	32 31
	0.48	2.78508	3.43	ľ							- 1	
)5 34	0.48	2.78774	3.42	0.06116	0.50	$\frac{2.78649}{2.78855}$	3.43	1.00187	0.03	0.00081	0.02	30
53 53	0.48	2.78979	3.40	0.06145	0.50 0.48	2.79061	3·43 3·42	1.00189	0.02	0.00082	0.02	29
92	0.48	2.79183	3.38	0.00204	0.48	2.79266	3.40	$1.00190 \\ 1.00192$	0.03	0·00083 0·00083	0.00	28 27
31	0.48	2.79386	3.37	0.06233	0.48	2.79470	3.38	1.00194	0.03	0.00084	0.02	26
50	0.48	2.79588	3.35	0.06262	0.48	2.79673	3.37	1.00196	0.03		0.02	25
70	0.48	2.79789	3.35	0.06291	0.50	2.79875	3.35	1.00198	0.03	0.00085	0.02	24
8(0.48	2.79990	3.32	0.06321	0.48	2.80076	3.35	1.00200	0.02	0.00087	0.00	23
37	0.48	2.80189	3.32	0.06350	0.48	2.80277	3.32	1.00201	0.03	0.00087	0.02	22
36	0.48	2.80388	3.28	0.06379	0.48	2.80476	3.30	1.00203	0.03	0.00088	0.02	21
05	0.48	2.80585	3.28	0.06408	0.50	2.80674	3.30	1.00205	0.03	0.00089	0.02	20
24	0.48	2.80782	3.27	0.00438	0.48	2.80872	3.27	1.00207	0.03	0.00090	0.02	19
58	0.48	2.80978	3.25	0.00467	0.48	2.81068	3.27	1.00209	0.03	0.00091	0.00	18
12	0.48	2.81173	3.23	0.00486	0.48	2.81264	3.25	1.00211	0.03	0.00091	0.02	17
11	0.48	2.81367	3.22	0.06525	0.48	2.81459	3.23	1.00213	0.03	0.00092	0.02	16
10	0.48	2.81560	3.20	0.06554	0.50	2.81653	3.22	1.00215	0.02	0.00093	0.02	15
19	0.48	2.81752	8.20	0.06584	0.48	2 ·81846	3.20	1.00216	0.03	0.00094	0.02	14
98	0.48	2.81944	3.17	0.06618	0.48	2.82038	3.20	1.00218	0.03	0.00095	0.02	13
27	0.48	2.82134	3.17	0.06642	0.48	2.82230	3.17	1.00220	0.03	0.00096	0.00	12
56	0.48	2.82324	3.15	0.06671	0.48	2.82420	3.17	1.00222	0.03	0.00096	0.02	11
НĎ	0.48	2.82513	3.13	0.06700	0.50	2.82610	3.15	1.00224	0.03	0.00097	0.02	10
14	0.48	2.82701	3.12	0.06730	0.48	2.82799	3.13	1.00226	0.03	0.00098	0.02	9
48	0.50	2.82888	3.12	0.06759	0.48	2.82987	3.13	1.00228	0.03	0.00099	0.02	8
8	0.48	2·88075 2·83261	3.10	0.06788	0·48 0·50	$\frac{2.83175}{2.83361}$	3·10 3·10	1.00230	0.08	0.00100	0.02	7
02	0.48		3.08			***		1.00232		0.00101	0.02	6
81	0.48	2.83446	3.07	0.06847	0.48	2.83547	8.08	1.00234	0.08	0.00102	0.00	Б
80	0.48	2.88680	3.05	0.06876	0.48	$\frac{2.83732}{2.83916}$	3.07	1.00236	0.08	0.00102	0.02	4
9 18	0·48 0·48	2·83813 2·83996	3·05 3·02	0.06905	0·48 0·48	2.83010	3·07 3·03	1.00238 1.00240	0·03 0·03	0.00103 0.00104	$0.02 \\ 0.02$	8 2
47	0.48	2.84177	3.02	0.06963	0.20	2·84282	3.03	1.00240	0.03	0.00104	0.02	1
76	O # O		U V Z	0.06998	0.00	2.84464	- 00	1.00244		0.00106	J (J2)	
10		2.84358	De suchus aprinquissus and	פפפטיט								0
ļ.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec	. D. 1".	1
-												

4° TRIGONOMETRICAL FUNCTIONS & THEIR LOGS.

,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	Ξ̈́
0	0.06976	0.48	2 ⋅843 8 #		0.06993	0.48	2.84464	3.03	1.00244	0.03	0.00106	-	60
ĭ	0.07005	0.48	2.84539	2.98	0.07022	0.48	2.84646	3.00	1.00246	0.03	0.00107	_	59
2	0.07034	0.48	2.84718	2.98	0.07051	0.18	2.84826	3.00	1.00248	0.03	0.00108		58
3	0.07063	0.48	2.84897	2.97	0.07080	0.50	2.85006	2.98	1.00250	0.03	0.00109		57
4	0.07092	0.48	2.85075	2.95	0.07110	0.48	2.85185	2.97	1.00252	0.03	0.00109	0.02	56
5	0.07121	0·48 0·48	$\frac{2.85252}{2.85420}$	2·95 2·93	0.07139	$0.48 \\ 0.48$	2.85363 2.85540	2·97 2·95	1.00254 1.00257	0.05 0.03	0.00110	0.02	55
6	0.07150	0.48	2.85605	2.92	0.07197	0.50	2.85717	2.93	1.00259	0.03	0.00111 0.00112		54
8	0.07208	0.48	2.85780	2.92	0.07227	0.48	2.85893	2.93	1.00261	0.03	0.00113		53 52
9	0.07237	0.48	2.85955	2.88	0.07256	0.48	2.86069	2.90	1.00268	0.03	0.00114		51
10	0.07266	0.48	2.86128	2.88	0.07285	0.48	2.86243	2.90	1.00265	0.03	0.00115	0.02	50
11	0.07295	0.48	2.86301	2.88	0.07314	0.50	2.86417	2.90	1.00267	0.08	0.00116	0.02	49
$\begin{array}{c} 12 \\ 13 \end{array}$	0.07324	0·48 0·48	$\frac{2.86474}{2.86645}$	2.85 2.85	0.07344	0·48 0·48	2.86591 2.86768	2·87 2·87	1.00269 1.00271	0·08 0·05	0.00117		48
14	0.07382	0.48	2.86816	2.85	0.07402	0.48	2.86935	2.85	1.00274	0.03	0·00118 0·00119		47 46
15	0.07411	0.48	2.86987	2.82	0.07431	0.50	2.87106	2.85	1.00276	0.03	0.00120	- 1	- 1
16	0.07440	0.48	2.87156	2.82	0.07461	0.48	2.87277	2.83	1.00278	0.03	0.00121		45
17	0.07469	0.48	2.87325	2.82	0.07490	0.48	2.87447	2.82	1.00280	0.03	0.00121		48
18	0.07498	0.48	2.87494	2.78	0.07519	0.48	2.87616	2.82	1.00282	0.03	0.00122		42
19	0.07527	0.48	2.87661	2.80	0.07548	0.50	2.87785	2.80	1.00284	0.08	0.00123	0.02	41
$\frac{20}{21}$	0.07556	0·48 0·48	$\frac{2.87829}{2.87995}$	$\frac{2.77}{2.77}$	0.07578	0.48 0.48	2·87953 2·88120	2·78	1.00287	0.03	0.00124		40
22	0.07833	0.48	2.88161	2.75	0.07686	0.48	2.88287	2.77	1.00283	$0.03 \\ 0.03$	0.00125		39 38
23	0.07643	0.48	2.88326	2.73	0.07665	0.50	2.88453	2.75	1.00293	0.05	0.00127		37
24	0.07672	0.48	2.88490	2.73	0.07695	0.48	2.88618	2.75	1.00296	0.03	0.00128		36
25	0.07701	0.48	2.88654	2.72	0.07724	0.48	2.88783	2.75	1.00298	0.03	0.00129	0.02	35
26	0.07730	0.48	2.88817	2.72	0.07753	0.48	3.88948	2.72	1.00300	0.03	0.00130	0.02	84
$\begin{array}{c} 27 \\ 28 \end{array}$	0.07759	0·48 0·48	2.88980 2.89142	2·70 2·70	0.07782	0.50 0.48	2.89111 2.89274	2.72	1.00302	0.05	0.00181		33
20	0.07817	0.48	2.89304	2.67	0.07841	0.48	2.89437	2.72 2.68	1-00305	0.03 0.03	0.00132 0.00133		32 31
30	0.07846	0.48	2.80464	2.08	0.07870	0.48	2-80598	2.70	1.00309	0.05	0.00134	1	80
31	0.07875	0.48	2.89625	2.65	0.07899	0.50	2.89760	2.67	1.00312	0.03	0.00134		29
32	0.07904	0.48	2.89784	2.65	0.07929	0.48	2.89920	2.67	1.00314	0.03	0.00136		28
33	0.07933	0.48	2.89943	2.65	0.07958	0.48	2.90080	2.67	1.00316	0.03	0.00187		27
34	0.07962	0.48	2.90102	2.03	0.07987	0.50	2.00240	2.05	1.00318	0.08	0.00138	· · · · · · · · · · · · · · · · · · ·	26
85 36	0.07991	0·48 0·48	2.90260 2.90417	2·62 2·62	0.08017	0·48 0·48	2.90399 2.90557	2-63 2-63	1.00321	0.03	0.00139		25
37	0.08049	0.48	2.90574	2.60	0.08075	0.48	2.00715	2.02	1.00323	0:05 0:08	0.00140 0.00141		24 28
38	0.08078	0.48	2.90730	2.58	0.08104	0.50	2.90872	2.62	1.00328	0.03	0.00142		22
39	0.08107	0.48	2.90885	2.58	0.08134	0.48	2.91029	2.60	1.00330	0.05	0.00148		21
40	0.08136	0.48	2.91040	2.58	0.08103	0.48	2.01185	2.58	1.00838	0.03	0.00144	0.02	20
41	0.08165	0.48	2.91195 2.91349	2.57	0.08192	0.48	2.01340	2.58	1.00885	0.03	0.00145		19
42 43	0.08194	0·48 0·48	2.91502	2.55 2.55	0.08221	0.48	2.91495 2.91650	2 68 2-65	1.00337	0-05 0-03	0.00146		18 17
44	0.08252	0.48	2.91655	2.53	0.08280	0.48	2.91803	2.57	1.00340	0.05	0.00147		16
45	0.08281	0.48	2 91807	2.53	0.08309	0.50	2-01957	2.55	1.00345	0.03	0.00149	- 1	15
46	0.08310	0.48	2.91959	2.52	0.08389	0.48	2.92110	2.68	1.00347	0.05	0.00150		14
47	0.08339	0.48	2.92110	2.52	0.08368	0.48	2.92262	2.53	1.00350	0.03	0.00152	0.02	18
48	0.08368	0·48 0·48	2.92261 2.92411	2·50 2·50	0.08307 0.08427	0.50	2.92414	2.52	1.00353	0.03	0.00158		12
1 1	0.08426	0.48	2.92561	2.48		0.48	2.92565		1.00354	0.08	0.00154	0.02	ı
51	0.08455	0.48	2.92710	2.48	0.08486	0.48 0.48	2·92716 2·92866	2.50 2.50	1.00357	0:08 0:08	0-00155 0-00156	0.02	10
52	0.08484	0.48	2.92859	2.47	0.08514	0.50	2.93016	2.48	1.00362	0.03	0.00157	0.02	8
	0.08513	0.48	2.93007	2.45	0.08544	0∙4∺	2.93165	2.47	1.00364	0.05	0.00158	0.02	7
54	1	0.48	2.93154	2.45	0.08578	0.48	2.08818	2.48	1.00867	0.08	0 00159	0.02	6
55		0.48	$\frac{2.93301}{2.93448}$	2.45	0.08602	0.50	2.93462	2.45	1.00369	0 05	0.00160	0.02	5
56		0·48 0·48	2.93594	2.43	0.08682	0·48 0·48	2.93609 2.93756		1.00372	0.08	0.00161	0.02	8
58	0.08658	0.48	2.98740	2.42	0.08690	0.50	2.93700		1.00374	0.05 0.03	0.00162	0.02	2
59	0.08687	0.48	2.93885	2.42	0.08720	0.48	2.94049		1.00379	0.05	0.00164	0.08	ũ
60	0.08716		2.94080		0.08749		2.94195		1.00382		0.00166	1	0
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	1), 1".	Log Cot.	1), 1"		1), 1".	Log Coseo	. D. 1"	
							(-)					1	

ONOMETRICAL FUNCTIONS & THEIR LOGS. 5° D. 1". Log Tan. D. 1".

Sec.

D. 1". Log Sec. D. 1".

D. 1". Log Sin. D. 1".

Tan.

•		1308 231111	27. 1.	1 (111.	10.1.	Dog Tan.	. ד.ע	Sec.	D. 1.	. Log Sec.	D. 1".	
16	0.48	$\frac{2.94030}{5.04174}$	2.40	0.08749	0.48	$\overline{2}$ 94195	2.42	1.00382		0.00166	0.02	60
$\frac{45}{74}$	0·48 0·48	$\frac{\overline{2}\cdot 94174}{\overline{2}\cdot 94317}$	$2.38 \\ 2.40$	0.08778 0.08807	0·48 0·50	$\frac{2.94340}{2.94485}$	$\frac{2.42}{2.42}$	1.00385		0.00167	0.02	59
03	0.17	$\frac{2}{2} \cdot 94461$	2.37	0.08837	0.48	$\frac{2}{2} \cdot 94630$	2.38	1.00387	0·05 0·03	0.00168 0.00169	$0.02 \\ 0.02$	58
31	0.48	$\overline{2} \cdot 94603$	2.38	0.08866	0.48	$\overline{2} \cdot 94773$	2.40	1.00392	0.05	0.00170	0.02	56
60	0.48	2.94746	2.35	0.08895	0.50	2.94917	2.38	1.00395	0.03	0.00171	0.02	55
89	0.48	2.94887	2.37	0.08925	0.48	2.95060	2.37	1.00397	0.05	0.00172	0.02	54
18 47	0·48 0·48	$\frac{2.95029}{2.95170}$	$\begin{array}{c} 2.35 \\ 2.33 \end{array}$	0.08954	0.48	$\frac{2.95202}{0.5242}$	2.37	1.00400	0.05	0.00173	0.03	53
76	0.48	2.95310	2.33	0.08983	$\begin{array}{c} 0.50 \\ 0.48 \end{array}$	$\frac{2.95344}{2.95486}$	$\begin{array}{c} 2.37 \\ 2.35 \end{array}$	1.00403 1.00405	0·03 0·05	0.00175	0.02	52
05	0.48	2.95450	2.32	0.09042	0.48	$\frac{2}{2} \cdot 95627$	2.33	1.00408	0.05	0.00176	0.02	51
34	0.48	$\frac{2.95589}{2.95589}$	2.32	0.09071	0.50	$\frac{2}{2} \cdot 95767$	2.35	1.00408	0.03	0.00177 0.00178	$\begin{array}{c} 0.02 \\ 0.02 \end{array}$	50 49
63	0.48	2.95728	2.32	0.09101	0.48	2.95908	2.32	1.00413	0.05	0.00179	0.02	48
92	0.48	2.95867	2.30	0.09130	0.48	$\frac{2.96047}{2}$	2.33	1.00416	0.05	0.00180	0.02	47
21	0.48	2.96005	2.30	0.09159	0.50	2.96187	2.30	1.00419	0.03	0.00181	0.03	46
50 70	0·48 0·48	2.96143 2.96280	2·28 2·28	0.09189	0.48	2.96325	2.32	1.00421	0.05	0.00183	0.02	45
$\frac{79}{08}$	0.48	2.96417	2.27	0.09218	0·48 0·50	2.96464 2.96602	2·30 2·28	1.00424 1.00427	0·05 0·03	$0.00184 \\ 0.00185$	0.02 0.02	44
37	0.48	2.06553	2.27	0.00277	0.48	$\frac{2}{2} \cdot 96739$	2.30	1.00429	0.05	0.00186	0.02	42
66	0.48	2.96689	2.27	0.09306	0.48	2.96877	2.27	1.00432	0.05	0.00187	0.02	41
95	0.48	2.96825	2.25	0.09335	0.50	2.97013	2.28	1.00435	0.05	0.00188	0.03	40
24	0.48	2.96960	2.25	0.09365	0.48	2.97150	2.25	1.00438	0.03	0.00190	0.02	39
$\frac{53}{82}$	0·48 0·48	2.97095 2.07229	$\frac{2 \cdot 23}{2 \cdot 23}$	0.09394	0·48 0·50	2.97285	2.27	1.00440	0.05	0.00191	0.02	38
11	0.48	2.97363	2.22	0.09453	0.48	$\frac{2.97421}{2.97556}$	$\frac{2\cdot 25}{2\cdot 25}$	1.00443 1.00446	$0.05 \\ 0.05$	$0.00192 \\ 0.00193$	$\begin{array}{c} 0.02 \\ 0.02 \end{array}$	37 36
40	0.48	2.97496	2.22	0.09482	0.48	2.97691	2.23	1.00449	0.03	0.00194	0.03	35
69	0.48	2.97629	2.22	0.09511	0.50	2.97825	2.23	1.00451	0.05	0.00196	0.02	34
98	0.48	2.97762	2.20	0.09541	0.48	2.97959	2.22	1.00454	0.05	0.00197	0.02	33
27	0.48	2.97894	2.20	0.09570	0.20	2.98092	2.22	1.00457	0.05	0.00198	0.02	32
56	0.48	2.98026	2.18	0.09600	0.48	2.98225	2.22	1.00460	0.05	0.00199	0.02	31
85 14	0·48 0·47	2.98157 2.98288	2·18 2·18	0.09629	0.48	$\frac{2.98358}{2.98490}$	2.20	1.00463	0.03	0.00200	0.03	30
42	0.48	2.08419	2.17	0.09688	$0.50 \\ 0.48$	2.98622	$\frac{2 \cdot 20}{2 \cdot 18}$	1.00465 1.00468	0.05 0.05	0.00202 0.00203	$0.02 \\ 0.02$	$\frac{29}{28}$
71.	0.48	2.98549	2.17	0.09717	0.48	2.98753	2.18	1.00471	0.05	0.00204	0.02	27
00	0.48	2.98679	2.15	0.09746	0.20	2.98884	2.18	1.00474	0.05	0.00205	0.03	26
20	0.48	2.08808	$2 \cdot 15$	0.09776	0.48	2.99015	2.17	1.00477	0.05	0.00207	0.02	25
58	0.48	2.08937	2.15	0.09805	0.48	2.99145	2.17	1.00480	0.03	0.00208	0.02	24
$\frac{87}{16}$	0.48 0.48	2.99066 2.99194	$\frac{2 \cdot 13}{2 \cdot 13}$	0.09834	0·50 0·48	2.99275 2.99405	$2.17 \ 2.15$	1.00482 1.00485	0·05 0·05	$0.00209 \\ 0.00210$	0.02	$\begin{array}{c c}23\\22\end{array}$
46	0.48	2.99322	2.13	0.00898	0.50	2.99534	2.13	1.00488	0.05	0.00210	0.02	21
74	0.48	2.99450	2.12	0.09923	0.48	2.99662	2.15	1.00491	0.05	0.00213	0.02	20
$0\hat{3}$	0.48	2.99577	2.12	0.09952	0.48	2.99791	2.13	1.00494	0.05	0.00214	0.02	19
32	0.48	2.99704	2.10	0.09981	0.20	2.99919	2.12	1.00497	0.02	0.00215	0.03	18
61	0.48	2.99830	$\frac{2\cdot 10}{2\cdot 10}$	0.10011	0·48 0·48	η00046 η00174	$2.13 \\ 2.12$	1.00500	0.05	0.00217	0.02	17
90	0.48	2.99956		0.10040				1.00503		0.00218	0.02	16
19 48	0.48 0.48	1.00082 1.00207	2·08 2·08	0.10069	0.50 0.48	Ĩ·00301 Ĩ·00427	$\begin{array}{c} 2 \cdot 10 \\ 2 \cdot 10 \end{array}$	1.00506 1.00509	0·05 0·05	$0.00219 \\ 0.00220$	$\begin{array}{c c} 0.02 \\ 0.03 \end{array}$	15 14
77	0.48	1.00337	2.07	0.10128	0.20	1.00558	2.10	1.00503	0.05	0.00220	0.02	18
00	0.48	1.00456	2.08	0.10158	0.48	T.00679	2.10	1.00515	0.05	0.00223	0.02	12
35	0.48	1.00581	2.05	0.10187	0.48	T·00805	2.08	1.00518	0.02	0.00224	0.02	11
64	0.47	1.00704	2.07	0.10216	0.50	I.00930	2.08	1.00521	0.05	0.00225	0.03	10
92	0.48	1.00828		0.10246	0.48	1.01055 T.01179	2.07		0.05	$0.00227 \\ 0.00228$	0.02	9
$\frac{21}{50}$	0·48 0·48	1.00951 T.01074	2·05 2·03	0·10275 0·10305	0.50 0.48	T.01303	$\begin{array}{c} 2.07 \\ 2.07 \end{array}$	1.00527 1.00530	0.05 0.05	0.00228	0·02 0·03	8
79	0.48	I-01196	2.03	0.10334	0.48	Ī·01427	2.05	1.00533	0.05	0.00231	0.02	6
08	0.48	Ĩ·01818	2.03	0.10363	0.50	T-01550	2.05	1.00586	0.05	0.00232	0.02	5
37	0.48	T.01440	2.02	0.10393	0.48	T·01673	2.05	1.00539	0.05	0.00233	0.03	4
66	0.48	T-01561	2.02	0.10422	0.50	I.01796	2.03	1.00542	0.05	0.00235	0.02	3
95	0.48	1.01682	2.02	0·10452 0·10481	0·48 0·48	1.01918 1.02040	$2.03 \\ 2.03$	1.00545 1.00548	0.05	$0.00236 \\ 0.00237$	0·02 0·03	1
24	0.48	T-01803	2.00		0 20	T·02040	2.00		0 00	0.00237	. 00	
53		T·01923	OFF THE RESERVED	0.10510				1.00551				0
<u>. </u>		Log Cos.		Cot.		Log Cot.		Cosec,		Log Cosec.		<u>'</u>
		Proportio	mal P	arts of th	e 'Co-'	Function	is mus	t be subtr	racted.		005	84°
		Propor	tional	Parts of	the oth	er Functi	ons m	ust oe ad	uea.	!	235	

	1 1/1/									2. 22	-		10,
<u>'</u>	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	1), 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.10458	0.48	$\overline{1} \cdot 01923$	2.00	0.10510	0.50	1.02162	2.02	1.00551	0.05	0.00239		60
1	0.10482		1.02043	2.00	0.10540	0.48	1.02283	2.02	1.00554	0.05	0.00240		59
2	0.10511	0.48	<u>1</u> ·02163	2.00	0.10569	0.50	1.02404	2.02	1.00557 1.00560	0.05	0.00241		58
3	0.10540		1.02283	1.98	0·10599 0·10628	0.50 0.48	1.02525 1.02645	$\frac{2.00}{2.02}$	1.00563	0·05 0·05	0.00243 0.00244		57
4	0.10569		1.02402	1.97		-			l			- 0-	56
5	0.10597	0.48	T.02520	1.98	0.10657	0.50	1.02766	1.98	1.00566 1.00569	0.05 0.07	0.00245		55
6	0.10626		1.02639	1.97	0·10687 0·10716	0·48 0·50	1.02885 1.03005	2·00 1·08	1.00573	0.07	0.00247 0.00248	0·02 0·02	54
8	0·10655 0·10684		1.02757 1.02874	1.95 1.97	0.10746	0.48	1.03124	1.97	1.00576	0.05	0.00249	0.02	58 52
9	0.10004		T.02992	1.95	0.10775	0.50	1.03242	1.98	1.00579	0.05	0.00251	0.02	51
1			T·03109	1.95	0.10805	0.48	1.03361	1.97	1.00582	0.05	0.00252	- //	1
10 11	0·10742 0·10771	0.48	T.03109	1.93	0.10834	0.48	1.03479	1.97	1.00585	0.05	0.00253		50 49
12	0.10800		T-03342	1.93	0.10863	0.50	1.03597	1.95	1.00588	0.07	0.00255	0.02	48
18	0.10829		T.03458	1.93	0.10893	0.48	1.03714	1.97	1.00592	0.05	0.00256	0.03	47
14	0.10858		T.03574	1.93	0.10922	0.20	1.03832	1.93	1.00595	0.05	0.00258	0.02	46
15	0.10887	0.48	T-03690	1.92	0.10952	0.48	1.03948	1.95	1.00598	0.05	0.00259	0.02	45
16	0.10916		T.03805	1.92	0.10981	0.00	1.04065	1.93	1.00601	0.05	0.00260	0.03	44
17	0.10945	0.47	1.03920	1.90	0.11011	0.48	1.04181	1.03	1.00604	0.07	0.00262	0.02	48
18	0.10973		T-04034	1.92	0.11040	0.50	1.04297	1.93	1.00608	0.05	0.00263	0.02	42
19	0.11002	0.48	1.04149	1.88	0.11070	0.48	1.04413	1.92	1.00611	0.02	0.00264	0.03	41
20	0.11031	0.48	T-04262	1.90	0.11099	0.48	1.04528	1.92	1.00614	0.05	0.00266	0.02	40
21	0.11060	0.48	1.04376	1.90	0.11128	0.20	1.04643	1.92	1.00617	0.07	0.00267	0.03	39
22	0.11089	0.48	1.04490	1.88	0.11158	0.48	1.04758	1.02	1.00621	0.05	0.00269	0.02	88
23	0.11118	0.48	1.04603	1.87	0.11187	0.50 0.48	£04878 £04987	1.90	1.00624	0.05 0.05	0.00270	0.03	37
24	0.11147	0.48	1.04715	1.88	0.11217				1		0.00272	0.02	36
25	0.11176	0.48	1.04828	1.87	0.11246	0.50	1.05101	1.88	1.00630	0.07	0.00273	0.02	85
26	0.11205	0.48	1.04940 1.05052	1.87	0·11276 0·11305	0.48 0.50	f-05214 f-05328	1·90 1·88	1.00634	0.05 0.05	$0.00274 \\ 0.00276$	0.03	34
27 28	$ \begin{array}{c} 0.11234 \\ 0.11263 \end{array} $	0·48 0·47	1.05052	1.87 1.85	0.11335	0.48	1.05441	1.87	1.00037	0.03	0.00276	$\begin{array}{c} 0.02 \\ 0.03 \end{array}$	38
29	0.11203	0.48	1.05275	1.85	0.11364	0.50	1.05553	1.88	1.00644	0.05	0.00279	0.03	81
30	0.11320	0.48	T.05886	1.85	0.11394	0.48	f-05666	1.87	1.00647	0.05	0.00280		i
31	0.11349	0.48	1.05497	1.83	0.11423	0.48	1.05778	1.87	1.00650	0.07	0.00280	0.03 0.02	30
82	0.11378	0.48	1.05607	1.83	0.11452	0.50	1.05890	1.87	1.00654	0.05	0.00288	0.02	28
33	0.11407	0.48	1.05717	1.83	0.11482	0.48	1.06002	1.85	1.00657	0.05	0.00284	0.03	27
34	0.11436	0.48	1.05827	1.88	0.11511	0.20	1.06113	1.85	1.00660	0.07	0.00286	0.02	26
35	0.11465	0.48	1.05937	1.82	0.11541	0.48	1.06224	1.85	1.00004	0.05	0.00287	0.08	25
86	0.11494	0.48	1.06046	1.82	0.11570	0.20	1.00335	1.83	1.00007	0.07	0.00289	0.02	24
87	0.11523	0.48	1.06155	1.82	0.11600	0.48	1.06445	1.85	1.00071	0.05	0.00280	0.03	23
88	0.11552	0.47	I-00264	1.80	0.11629	0.60	1.06556	1.83	1.00074	0.05	0.00303	0.02	22
89	0.11580	0.48	1.00372	1.82	0.11659	0.48	1.00000	1.82	1.00677	0.07	0.00293	0.03	21
40	0.11609	0.48	1.06481	1.80	0.11688	0.20	1.06775	1.83	1.00681	0.05	0.00295	0.02	20
41	0.11638	0.48	1.06589	1.78	0.11718	0.48	1.00885	1.82	1.00684	0.07	0.00350	0.03	19
42	0.11007	0·48 0·48	1.06696 1.06804	1.80	0.11747	0.49	1.08994	1.82	1.00688	0.05	0.00298	0.02	18
43	0·11696 0·11725	0.48	1.06911	1·78 1·78	0.11777	0.48 0.50	1.07211	1.80 1.82	1.00091	0.07 0.05	0.00299 0.00201	0.03 0.02	17 16
i													l
45 46	0.11754	0.48 0.48	T.07018 f.07124	1.77 1.78	0.11886	0·48 0·60	1.07820 1.07428	1.80 1.80	1.00098	0.05	0.00302	0.08	15
47	0.11812	0.47	1.07231	1.77	0.11895	0.48	1.07586	1.78	1.00701	0.05	0.00304	0.02	1.4
48	0.11840	0.48	1.07337		0.11924	0.50	1.07648	1.80	1.00708	0.07	0.00807	0.03	12
49					0.11954		1.07751	1.78	1.00712	0.05	0.00308	0.08	
50	0.11898	0.48	T-07548	1.75	0.11988	0.50	1.07858	1.77	1.00715	0.07	0.00810	0.02	10
51	0.11927	0.48	T.07653	1.75	0.12018	0.48	1.07964	1.78	1.00719	0.05	0.00311	0.03	9
52	0.11956	0.48	1.07758	1.75	0.12042	0.50	1.08071	1.77	1.00722	0.07	0.00318	0.02	8
58	0.11985	0.48	T.07868	1.75	0.12072	0.48	1.08177	1.77	1.00726	0.07	0.00314	0.03	7
54	0.12014	0.48	T-07968	1.78	0.12101	0.20	1.08288	1.77	1.00780	0.05	0.00316	0.02	6
55	0.12048	0.47	I-08072	1.78	0.12181	0.48	1.08889	1.77	1.00733	0.07	0.00317	0.03	5
56	0.12071	0.48	I.08176	1.78	0.12160	0.50	1.08495	1.75	1.00787	0.05	0.00318	0.02	4
57	0.12100	0.48	1.08280	1.72	0.12190	0.48	1.08600	1.75	1.00740	0.07	0.00320	80.0	3
58	0.12129	0.48	1.08383	1.72	0.12219	0.50	1.08705	1.75	1.00744	0.05	0.00322	0.02	2
59	0.12158	0.48	1.08486	1.72	0.12249	0.48	1.08810	1.78	1.00747	0.07	0.00323	().02	1
60	0.12187	Мефара (1800) разра беле так	T-08589	proprogramme.	0.12278	in philipping on more	1.08914		1.00751		0.00825		0
	Cos.	D. 1".	Log Cos.	D. 1"	Cot.	D. 1".	Log Cot.	D. 1"	Cosec,	D. 1".	Log Cosec	D. 1"	1
200				~			Marine		e en sector	**! * *	- my www.cu	. 471 4 1	4.1

ONOMETRICAL FUNCTIONS & THEIR LOGS. 7°

	75 1//	T C!	75 777	(1)	~					LC LO	u.J.	-
e .	D. I.	Log Sin.	D. 1".	Tan,	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
.87	0.48	T.08589	1.72	0.12278	0.50	Ī·08914	1.75	1.00751	0.07			
216	0.48	T.08692	1.72	0.12308	0.50	1.09019	1.73	1.00755	0.07	0.00325	0.02	60
245	0.48	1.08795	1.70	0.12338	0.48	T·09123	1.73	1.00758	0.07	0.00326	0.03	59
74	0.47	1.08897	1.70	0.12367	0.50	1.09227	1.72	1.00762	0.05	0.00328	0.03	58
802	0.48	1.08999	1.70	0.12397	0.48	I.00330	1.73	1.00765	0.07	0.00330 0.00331	$0.02 \\ 0.03$	57
331	0.48	1.09101	1.68	0.12426	0.50	$\overline{1} \cdot 09434$	1.72	1.00769	0.07			56
860	0.48	1.09202	1.70	0.12456	0.48	1.09537	1.72	1.00773	0.07	0.00333	0.02	55
89	0.78	1.09304	1.68	0.12485	0.50	1.09640	1.70	1.00776	0.07	0.00334	0.03	54
118	0.48	1.00405	1.68	0.12515	0.48	1.09742	1.72	1.00780	0.07	0.00336 0.00337	0.02	53
147	0.48	1.09506	1.67	0.12544	0.50	1.09845	1.70	1.00784	0.05	0.00339	0.03	52
176	0.47	1.09606	1.68	0.12574	().48	1.09947	1.70	1.00787	0.07			51
504	0.18	1.09707	1.67	0.12603	0.50	T-10049	1.68	1.00791	0.07	0.00341	0.02	50
533	0.48	1.09807	1.67	0.12633	0.48	T·10150	1.70	1.00795	0.07	0.00342	0.03	49
62	0.48	1.09907	1.65	0.12662	0.50	T·10252	1.68	1.00799	0.05	0.00344 0.00345	0.02	48
591	0.48	1.10006	1.67	0.12692	0.50	T·10353	1.68	1.00802	0.07	0.00345	0.03	47
120	0.48	1.10106	1.65	0.12722	0.48	T·10454	1.68	1.00806	-			
349	0.48	1.10205	1.65	0.12751	0.50	T-10555	1.68	1.00810	$0.07 \\ 0.05$	0.00349	0.02	45
178	0.47	1.10304	1.63	0.12781	0.48	1.10656	1.67	1.00813	0.03	0.00350	0.03	44
70(3	0.48	1.10402	1.65	0.12810	0.50	T-10756	1.67	1.00817	0.07	0.00352 0.00353	0.02	43
735	0.48	1.10501	1.63	0.12840	0.48	1.10856	1.67	1.00821	0.07	0.00355	0.03	42
64	0.48	1.10599	1.63	0.12869	0.50	I-10056	1.67	1.00825				
798	0.48	1.10697	1.63	0.12899	0.50	T-11056	1.65	1.00828	0·05 0·07	0.00357	0.02	40
322	0.48	1.10795	1.63	0.12929	0.48	1.11155	1.65	1.00832	0.07	0.00358	0.03	39
851	0.48	T-10893	1.62	0.12958	0.50	1.11254	1.65	1.00836	0.07	0.00360 0.00362	0.03	38
880	()-47	1.10990	1.62	0.12988	0.48	1.11353	1.65	1.00840	0.07	0.00363	$0.02 \\ 0.03$	37
800	0.48	1:11087	1.62	0.13017	0.50	T·11452	1.65	1.00844	0.07			36
37	0.48	T-11184	1.62	0.13047	0.48	1.11551	1.63	1.00848	0.07	0.00365	0.03	35
188	0.48	1.11281	1.60	0.13076	0.50	T-11649	1.63	1.00851	0.03	0.00367	0.03	34
96	0.48	1.11377	1.62	0.13106	0.50	1.11747	1.63	1.00855	0.07	0.00368 0.00370	0.03	33
24	0.48	1.11474	1.60	0.13136	0.48	1.11845	1.63	1.00859	0.07	0.00370	0·02 0·03	$\begin{vmatrix} 32 \\ 31 \end{vmatrix}$
53	0.47	T-11570	1.60	0.13165	0.50	1.11048	1.62	1.00863				
81	0.48	1.11666	1.58	0.13195	0.48	T-12040	1.63	1.00867	$0.07 \\ 0.07$	0.00373	0.03	30
10	0.48	1.11761	1.60	0.13224	0.50	Ī-12138	1.62	1.00871	0.07	0·00375 0·00376	0.02	29
39	0.48	1.11857	1.58	0.13254	0.50	T-12235	1.62	1.00875	0.05	0.00378	0.03	$\begin{bmatrix} 28 \\ 27 \end{bmatrix}$
68	0.48	1.11952	1.58	0.13284	0.48	1.12332	1.60	1.00878	0.07	0.00380	0.03	26
97	0.48	1.12047	1.58	0.13313	0.50	T·12428	1.62	1.00882	0.07	0.00382		1 1
26	0.47	1.12142	1.57	0.13343	0.48	112525	1.60	1.00886	0.07	0.00382	0.02	25
54	0.48	1.12236	1.58	0.13372	0.50	1.12621	1.60	1.00890	0.07	0.00385	0.03	24 23
88	0.48	1.12331	1.57	0.13402	0.20	1.12717	1.60	1.00894	0.07	0.00387	0.03	22
12	0.48	1.12425	1.57	0.13432	0.48	1.12813	1.60	1.00898	0.07	0.00388	0.03	21
41	0.48	1.12519	1.55	0.13461	0.20	1.12909	1.58	1.00902	0.07	0.00390		
70	0.48	1.12612	1.57	0.13491	0.20	1.13004	1.58	1.00906	0.07	0.00390 0.00392	$\begin{array}{c} 0.03 \\ 0.02 \end{array}$	20 19
99	0.47	1.12706	1.55	0.18521	0.48	1.13099	1.58	1.00910	0.07	0.00393	0.02	18
27	0.48	1.12799	1.55	0.13550	0.80	1.18194	1.58	1.00914	0.07	0.00395	0.03	17
86	0.48	1.12892	1.55	0.13580	0.48	T-13289	1.58	1.00918	0.07	0.00397	0.03	16
88	0.48	1.12985	1.55	0.13609	0.50	T·13384	1.57	1.00922	0.07	0.00399	0.02	15
14	0.48	1.18078	1.55	0.13639	0.20	113478	1.58	1.00926	0.07	0.00333	0.02	14
48	0.48	1.13171	1.53	0.18669	0.48	Î-13578	1.57	1.00930	0.07	0.00402	0.03	13
72	0.47	1.13203	1.53	0.13698	0.50	Ī·13667	1.57	1.00934	0.07	0.00404	0.02	12
0.0	0.48	1.13355	1.53	0.18728	0.50	T-13761	1.55	1.00938	0.07	0.00405	0.03	11
29	0.48	T-13447	1.53	0.13758	0.48	T-13854	1.57	1.00942	0.07	0.00407	0.03	10
58	0.48	1.13539	1.52	0.13787	0.50	T-13948	1.55	1.00946	0.07	0.00409	0.03	9
87	0.48	1.13030	1.58	0.13817	0.48	T-14041	1.55	1.00950	0.07	0.00411	0.02	8
16	0.47	1.13722	1.52	0.13846	0.50	1.14184	1.55	1.00954	0.07	0.00412	0.03	7
44	0.48	1.13813	1.52	0.13876	0.50	I-14227	1.55	1.00958	0.07	0.00414	0.03	6
78	0.48	T-18904	1.50	0.13906	0.48	T·14820	1.58	1.00962	0.07	0.00416	0.03	5
02	0.48	T-13994	1.52	0.13935	0.50	T-14412	1.58	1.00966	0.07	0.00418	0.02	4
81	0.48	1.14085	1.50	0.18965	0.50	1.14504	1.55	1.00970	0.08	0.00419	0.03	3
60	0.48	1.14175	1.52	0.18995	0.48	1.14597	1.52	1.00975	0.07	0.00421	0.03	2
89	0.47	T-14266	1.50	0.14024	0.50	T-14688	1.53	1.00979	0.07	0.00423	0.03	1
17		Ī-14856		0.14054		T·14780		1.00988		0.00425		0
**********	PROGRAMMENT VISITA	ercenny new ages named	eristry, margaticus	unger-co-n environmuspressent		madernature is an incomment	27-X-2000	***************************************			70	
,	D. 1".	Log Cos.	D, 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec.	<i>ν.</i> 1".	'

0	1 1/1/	2011											~
•	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	1). 1".	Log Sec.	D. 1".	
0	0.13917	0.48	T-14356	1.48	0.14054		1.14780		1.00983	0.07	0.00425	0.02	60
1	0.13946	0.48	I-14445	1.50	0.14084	0.48	T-14872 T-14963	$1.52 \ 1.52$	1.00087	0.07	0.00426 0.00428	0.03	59
2	0.13975	0.48	1.14535 1.14624	1.48 1.50	0.14143	0.50	1.15054	1.52	1.00995	0.07	0.00430	$0.03 \\ 0.02$	58 57
$\frac{3}{4}$	0·14004 0·14033	0.47	1.14714	1.48	0.14173	0.48	1.15145	1.52	1.00999	0.08	0.00432	0.03	56
5	0.14061	0.48	T·14803	1.47	0.14202	0.50	1.15236	1.52	1.01004	0.07	0.00434	0.02	55
6	0.14091	0.48	T-14891	1.48	0.14232	0.50	1.15327	1.50	1.01008	0.07	0.00435	0.03	54
7	0.14119	0.48	<u>1</u> ·14980	1.48	0.14262	0.48	1.15417	1.52	1.01012	0.07	0.00437		53
8	0.14148	0.48	I-15069	1.47	0.14291	0.50	1.15508 1.15598	1.50	1.01016 1.01020	0.07	0.00439 0.00441	0.03	52
9	0.14177	0.47	T·15157	1.47	0.14321				1.01024	•		0.03	51
10	0.14205	0.48	T·15245 T·15333	1.47 1.47	$0.14351 \\ 0.14381$	0.50	1.15688 1.15777	1.48 1.50	1.01029	0.08	0.00443	0.02	50
11 12	0.14234	0.48	1.15333	1.45	0.14410	0.50	1.15867	1.48	1.01033	0.07	0.00446	0.03	49 48
13	0.14203	0.47	T-15508	1.47	0.14440	0.50	1.15956	1.60	1.01037	0.07	0.00448	0.03	47
14	0.14820	0.48	T-15596	1.45	0.14470	0.48	1.16046	1.48	1.01041	0.08	0.00450	0.08	46
15	0.14349	0.48	T-15683	1.45	0.14499	0.50	1.16135	1.48	1.01046	0.07	0.00452	0.03	45
16	0.14378	0.48	1.15770	1.45	0.14529	0.50	1.16224	1.47	1.01050	0.07	0.00454	0.02	44
17	0.14407	0.48	1.15857	1.45	0.14559	0.48	1.16312 1.16401	1.48	1 • 0 1 0 5 •£ 1 • 0 1 0 5 9	0.08	0.00455 0.00457	0.03	48
18	0.14486	0.47	1·15944 1·16030	1.43	0·14588 0·14618	0.50	1.16489	1.47	1.01063	0.07	0.00459	0·03	42
	1			1.45	0.14648	0.50	1.16577	1.47	1.01067	0.07	0.00461	0.03	40
20 21	$ 0.14498 \\ 0.14522$	0.48	T-16116 T-16203	1.43	0.14048	0.48	1.16665	1.47	1.01071	0.08	0.00463		89
22	0.14551	0.48	1.16289	1.42	0-14707	0.50	1.16753	1.47	1.01076	0.07	0.00465	-	38
23	0.14580	0.47	1.16374	1:43	0.14737	0.50	1-16841	1.45	1.01080	0.07	0.00467	0.02	37
24	0.14608	0.48	1.16460	1.42	0.14767	0.48	1.16928	1.47	1.01084	0.08	0.00408	0.03	36
25	0.14637	0.48	T-16545	1.48	0.14796	0.50	1.17016	1.45	1-01089	0.07	0.00470		35
26	0.14666	0.48	1.16631	1.42	0.14826	0.50	1.17103	1.45	1.01093 1.01097	0.07	0.00472	0.03	34
27 28	0·14695 0·14723	0.47	1.16716 1.16801	1.42	0.14856	0.48	1.17190	1.45	1.011037	0.08	0.00474 0.00476		33 32
20	0.14752	0.48	1.10886	1.40	0-14915	0.50	1-17363	1.45		0.08	0.00478		31
30	0.14781	0.48	1.16970	1.42	0-14945	0.50	1-17450	1-43	1.01111	0.07	0.00480		30
31	0.14810	0.47	1.17055	1.40	0.14975	0.60	1-17536	1.43	1-01115	0.07	0.00482	0.02	
82	0.14838	0.48	I-17139	1.40	0.15005	0.48	1.17622	1.43	1.01119	0.08	0.00488	0.03	
33	0.14867	0.48	1.17223	1.40	0.15034	0.50	1-17708	1.43	1.01124	0.07	0.00485	0.03	
34	0.14896	0.48	1.17307	1.40	0.15064	0.50	1.17794	1.43	1-01128	0.08	0.00487	0.03	26
85	0.14925	0.48	1.17391	1.88	0.15094	0.50	1.17880	1-42	1.01133	0.07	0.00489	0.03	25
36 87	0.14954	0.47	1.17474	1.40	0.15124	0.48	1+17965 1+18051	1.42	1-01137		-0-00491 -0-0 0 493	0.03	24 23
38	0.15011	0.48	1.17641	1.88	0.15183	0.50	1.18136	1.42	1.01146	0.08	0.00495		22
89	0.15040	0.48	1.17724	1.38	0.15213	0.60	1-18221	1.42	1.01151	0.07	0.00497	0.03	21
40	0.12008	0.47	f-17807	1.38	0.15243	0.48	1-18306	1.42	1-01155	0.08	0.00499	0.03	20
41	0.15097	0.48	1.17890	1.38	0.15272	បៈភូព	1-18394		1.01100		0.00501	0.08	19
42	0.15126	0.48	1.17973 1.18055	1·87 1·37	0-15302 0-15332	0.50	1-18475 1-18560	1.48	1.01164	0.08	-0.00503 -0.00505	0.03	18 17
44	0.15184	0.47	1.18137	1.38	0.15362	0.48	1.18644		1-01173		0.00506		10
45	0.15212	0.48	1.18220	1.37	0-15391	0.50	1-18728	1.40	1	0.07	0.00508		15
46	0.15241	0.48	1.18302	1.35	0-15421	0.50	1.18812	1.40	1.01182	0.08	0.00510		14
47	0.15270	0.48	1.18383	1.87	0.12421	0.50	1-18896		1.01187	0.07	0.00512	0.03	18
48	0.15299	0.47	1-18465	1.87		0.50	1-18979		1 01191	0.08	0.00514		
49	0.15327		1.18547				1-19003		1		0.00210		
	0.15356		1.18628		0.15540		1.19146		1.01200		0.00518		
51 52	0.15385 0.15414	0.48	1.18709 1.18790	1.35	0-15570 0-15600		1 1922 9 1 19312		1-01205	0.07 0.08	-0.00520 -0.00522	0.03	9 8
53	0.15442	0.48	1.18871	1.35	0.15680		1.19395	1.38	1-01214	0.08	0.00524	0.03	7
54	0.15471	0.48	T-18952	1.35	0.15660		1.19478	1.38		0.07	0.00526	0.03	1 . 1
55	0.15500	0.48	T-19033	1.33	0.15689	0.50	1-19561	1.37	1.01223	0.08	0.00528	0.03	5
56	0.15529	0.47	T-19113	1.33	0.15719	0.50	1.19643		1-01228	0.08	0.00530	ប•មន	4
57	0.15557	0.48	1-19198		0-15749		1-19725	1.37	1.01233	0.07	0.00532		8
58 59	0.15586	0.48	1·19273 1·19353		0.15779	0.50 0.48	1-19807 1-19889	1.97	1.01237	80.08	0.00584	80·0	1
60	0.15643	O TALL	T-19483	* 00	0.15809	9.40		1.37	1 01242	D-08	0.00586		1
00	- Transferon anti-Demographia	eler in de la completa del la completa de la completa de la completa de la completa de la completa de la completa del la completa de la completa de la completa del la completa del la completa del la completa del la completa del la completa del la completa del la completa del la completa del la completa del la completa del la completa del la completa	approximate an every policy	Miles ottoke-rosses-	THE PERSON AS A PERSONAL	MarsalkChindii vyvo	1-19971	e enset	1 01247	. 4 100	0.00588		attendant .
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec	, D.1".	1

ONOMETRICAL FUNCTIONS & THEIR LOGS. 9°

								OC 111				
	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
43	0.48	<u>T</u> ·19433	1.33	0.15838	0.50	I·19971	1.37	1.01247	0.07	0.00538	0.03	60
72		1.19513		0.15868	0.50	1.20053	1.35	1.01251	80.0	0.00540	0.03	59
01	-	1.19592		$0.15898 \\ 0.15928$	0.50	1.20134	1.37	1.01256	0.08	0.00542	0.03	58
30 58	$0.47 \\ 0.48$	1.19672 1.19751		$0.15928 \\ 0.15958$	$0.50 \\ 0.50$	1.20216 1.20297	$1.35 \\ 1.35$	$1.01261 \\ 1.01265$	$0.07 \\ 0.08$	0.00544	0.03	57 56
		Ī·19830	- 1						-	0.00546		
87 16	0·48 ()·48	1.19830 1.19909		0·15988 0·16017	$0.48 \\ 0.50$	1.20378 1.20459	$1.35 \\ 1.35$	$1.01270 \\ 1.01275$	$0.08 \\ 0.07$	0.00548 0.00550	0.03	55 54
45	0.47	T-19988		0.16047	0.50	$\frac{1.20433}{1.20540}$	1.35	1.01279	0.08	0.00550	0.03	53
173	0.48	T-20067		0.16077	0.50	Ī·20621	1.33	1.01284	0.08	0.00554	0.03	52
02	0.48	1.20145	1.30	0.16107	0.20	1.20701	1.35	1.01289	0.08	0.00556	0.03	51
31	0.47	1.20223	1.32	0.16137	0.50	1.20782	1.33	1.01294	0.07	0.00558	0.03	50
59	0.48	1.20302	1.30	0.16167	0.48	<u>T</u> ·20862	1.33	1.01298	0.08	0.00560	0.03	49
188	0.48	I-20380	1.30	0.16196	0.50	I-20942	1.33	1.01303	0.08	0.00562	0.03	48
17	0.48	1.20458	1.28	0.16226	0.50	1.21022	1.33	1.01308	0.08	0.00564	0.03	47
146	0.47	T-20535	1.30	0.16256	0.50	1.21102	1.33	1.01313	0.07	0.00566	0.03	46
74	0.48	1.20613	1.30	0.16286	0.50	Ī·21182	1.32	1.01317	0.08	0.00568	0.05	45
108 32	0·48 0·47	$\frac{1.20691}{1.20768}$	$1.28 \ 1.28$	0·16316 0·16346	$0.50 \\ 0.50$	1.21261 1.21341	$1.33 \\ 1.32$	1.01322 1.01327	0·08	0.00571 0.00573	$0.03 \\ 0.03$	44 43
160	0.48	1.20703	1.28	0.16376	0.48	$\frac{1.21341}{1.21420}$	$1.32 \\ 1.32$	1.01327	0.08	0.00575	0.03	42
89	0.48	1.20922	1.28	0.16405	0.50	1.21499	1.32	1.01337	0.08	0.00577	0.03	41
218	0.47	1.20000	1.28	0.16435	0.50	T·21578	1.32	1.01342	0.07	0.00579	0.03	40
246	0.48	1.21076	1.28	0.16465	0.50	1.21657	1.32	1.01346	0.08	0.00581	0.03	39
275	0.48	1.21153	1.27	0.16495	0.50	1.21736	1.30	1.01351	0.08	0.00583	0.03	38
3()4	0.48	1.21229	1.28	0.16525	0.20	I-21814	1.32	1.01356	0.08	0.00585	0.03	37
333	0.47	1.21306	1.27	0.16555	0.50	1.21893	1.30		0.08	0.00587	0.03	36
361	0.48	1.21382	1.27	0.16585	0.50	1.21971	1.30		0.08	0.00589	0.03	35
390	0.48	1.21458	1.27	0.16615	0.50	1.22049	$1.30 \\ 1.30$		0.08	0.00591	0.05	34
$\frac{419}{447}$	0.47	1.21534 1.21610	$\begin{array}{c} 1.27 \\ 1.25 \end{array}$	0·16645 0·16674	0.48	1.22127 1.22205	1.30		0·08	0.00593 0.00596	0.05	32
176	0.48	1.21685	1.27	0.16704	0.50	1.22283	1.30		0.08	0.00598	0.03	31
505	0.47	1.21761	1.25	0.16734	0.50	T-22361	1.28	1	0.07	0.00600	0.03	30
533	0.48	1.21836		0.16764	0.50	T-22438	1.30		0.08	0.00602	0.03	29
562	0.48	1.21912	1.25	0.16794	0.50	T-22516	1.28		0.08	0.00604	0.03	28
591	0.48	1.21987	1.25	0.16824	0.50	1.22593	1.28		0.08	0.00606	0.03	27
620	()-47	1.22062	1.25	0.16854	0.50	1.22670			0.08	0.00608	0.03	26
048	0.48	1.22137		0.16884	0.50	1.22747			0.08	0.00010	0.03	25
677	0.48	1.22211	1.25	0.16914	0.50	1.22824 1.22901	$1.28 \\ 1.27$		0.08	0.00612 0.00615	$0.05 \\ 0.03$	24 23
706 734	0.47	1.22280 1.22361	$\begin{array}{c} 1.25 \\ 1.23 \end{array}$	0.16944	0.50	1.22977			0.08	0.00617	0.03	22
763	0.48	1.22435		0.17004	0.48	1.23054			0.08	0.00619	0.03	21
792	0.47	1-22509		0.17033	0.50	1.23130		1.01440	0.08	0.00621	0.03	20
820	0.48	1.22583		0.17063	0.50	1.23206			0.08	0.00623		19
849	0.48	1.22657	1.23	0.17093	0.50	1.23283	1.27	1.01450	0.08	0.00625		18
878	0.47	1.22731	1.23	0.17123	0.50	T-23359			0.08	0.00028		17
906	0.48	1.22805		0.17153					0.10	0.00030		16
935	0.48	1.22878		0.17183					0.08	0.00632 0.00634		15
964	0.47	1-22952		0.17213		F-24			0·08 0·08	0.00636		13
$092 \\ 021$	0.48	-1.23025 -1.23098		$ 0.17243 \\ 0.17273$		1.4			0.08	0.00638		12
050				0.17303						0.00641	_	
078		1-23244		0.17338		1000		1.01491	0.08	0.00643	0.03	10
107		1-23317		0.17363		T-23962	1.27	1.01496	0.08	0.00645	0.03	9
136		1.28390		0.17393	0.50	1.24037				0.00647		
164				0.17423						0.00649		
193				0.17453						0.00652		1
222		1.23607		0.17483						0.00654		
250				0.17518								
279 308				0.17543								
336				0.17603								
365		Ī·23967		0.17638		T-24632		1.01543		0.00665	;	0
O O O	neces-residence	designations are a control of the present	and the state of t	VARIABLE PARTY AND AND AND AND AND AND AND AND AND AND						Log Cose	a T) 1"	
os.	D. 1"	'. Log Cos	. D. 1".	Cot.	D. 1'	'. Log Cot.	. D. L'	Cosec.	17, 17,	. Liog Cose	ψ. <i>1</i> /. 1	1

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LU	1 1/1		AOTATT								-		2
•	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.17365	0.47	1.23967	1.20		0.50	1.21632	1.23	1.01543	0.08	0.00665		60
1	0.17393	0.48	1.2.1039	1.18	0.17663	0.50	1.24700 1.24770	1.22 1.23	1.01548 1.01553	80·0 80·0	0.00669		59
	0.17422	0.48	1.24110 1.24181	$\frac{1.18}{1.20}$	0.17693 0.17723	0.50	1.24853	1.22	1.01558	0.10	0.00672	0.05	58 57
3 4	0.17451 0.17479	0·47 0·48	T-24253	1.18	0.17753	0.50	1.24926	1.23	1.01564	0.08	0.00674	0.03	56
		0.48	I-24324	1.18	0.17783	0.50	1-25000	1.22	1.01569	0.08	0.00676	0.03	55
6	0·17508 0·17537	0.47	T-24395	1.18	0.17813	0.50	1.25073	1.22	1.01574	0.08	0.00678		54
7	0.17565	0.48	1.24466	1.17	0.17843	0.50	1.25146	1.22	1.01579	0.10	0.00681	0.03	53
8	0.17594	0.48	T-24536	1.18	0.17873	0.50 0.50	1.25219 1.25292	1.22	1.01585	80·0 80·0	0.00683 0.00685		52
9	0.17623	0.47	1.24607	1.17	0.17908			1:20	1.01595	0.10	0.00087	1	51
10	0.17651	0.48	T-24677 T-24748	1.18	0.17933 0.17963	0.50 0.50	1-25365 1-25437	1.22	1.01601	0.08	0.00690	0.05	50 49
$\begin{vmatrix} 11 \\ 12 \end{vmatrix}$	0·17680 0·17708	0·47 0·48	1.24818	1.17	0.17993	0.50	1.25510	1.20	1.01606	0.08	0.00692		48
18	0.17737	0.48	1.24888	1.17	0.18023	0.00	1 25582	1.22	1.01811	0.08	0.00694	0.03	47
14	0.17766	0.47	1.24958	1.17	0.18053	0.50	1.25655	1.20	1.01616	0-10	0.00696	1	46
15	0.17794	0.48	1.25028	1.17	0.18083	0.50	1.25727	1.20	1.01623	0.08	0.00699		45
1.6	0.17823	0.48	1.25098	1.17	0.18113	0.50	1.25799	1.20	1.01627	0·10 0·08	0.00701		44
17	0.17852	0.47	T-25168 1-25237	1.15	$0.18143 \\ 0.18173$	03·0 03·0	1-25871 1-25943	1.20	1.01638	0.08	0.00706		48
18 19	0·17880 0·17909	0·48 0·47	1.25307	1.15	0.18203	0.50	1.26015	1.18	1-01643	0.10	0.00708		41
	0.17937	0.48	1.25376	1.15	0.18233	0.50	1-26086	1.20	1-01049	0.08	0.00710	0.03	40
21		0.48	1 25 145	1.15	0.18263	0.50	1.26158	1.18	1.01654	0.08	0.00712	1	39
22		0.47	1.25514	1.15	0.18293	0.50	1.26229	1.20		0.10	0.00715		38
23		0.48	1.25583	1.15	0.18323	()-5()	1.26301	1.18	1.01665	0.08 0.10	0.00717		37 36
24	0.18052	0.48	T-25652	1.15	0.18353	0.52			1.01676	0.08	0.00722	1	- 1
25		0.47	1.25721 1.25790	1·15 1·13	0-18384 0-18414	0.50 0.50	1-26448 1-26514	1.18	1-01681	0.10	0.00724		85 34
26 27	0·18109 0·18138	0.47	T-25858	1.15	0.18444	0.50	1.26585		1.01087	0.08	0.00726		88
28	0.18166	0.48	1.25927	1.13	0.18474	0.50	1-26655	1.18		0.10	0.00729		82
29	0.18195	0.48	1.25995	1.13	0.18504	0.50	1.26726		t	0.08	0.00731	0.03	81
80	0.18224	0.47	1.20063	1.13	0.18534	0.50	1-26797	1.17	1.01703	0.10	0.00733		30
18	0.18252	0.48	1.26181	1.18	0.18564	0.50	1:26867	1.17	1-01709 1-01714	0:08 0:10	0 00736 0-00738	0.03	29 28
32 33		0.47	1.26199 1.26267	1·18 1·18	0.18594 0.18624	0.20 0.20	1-26937 1-27008	1/17	1-01720	0.08	0.00740		27
84	0.18338	0.48	1.26385	1.18	0.18654	0.50	1.27078		1-01725	0.10	0.00748		26
85		0.47	1.26408	1.12	0.18684	0.50	1-27148	1-17	1 01781	0.08	0.00745	0.05	25
86		0.48	1.26470	1.13	0.18714	0.52	1-27218	1:17	1.01736	0.10	0.00748		24
	0.18424	0.47	1.26538	1.12		0.50	1.27288		101742	0.08	-0-00750 -0-00752		28
88	0.18452	0·48 0·47	T-26605 T-26672	$1.12 \\ 1.12$	0·18775 0·18805	0.50 0.50	1-27857 1-27427		1-01747	0.10	0.00755	0.05	22 21
89	0.18481						1-27496	1.17		0.10	0 00757	0.08	20
40	0·18509 0·18538	0·48 0·48	T·26789 T·26806	$\frac{1\cdot 12}{1\cdot 12}$	0·18835 0·18865	0.50 0.50	1.27566		1 01764	0.08	0 00759	0.05	19
42	0.18507	0.47	1.26878	1.12	0.18895	0.50	1-27035		1 01769	0.10	0.00762	80.0	18
48	0.18595	0.48	£-26940	1.10		0.50	1.27704	1.15	6	0.10	0.00764	0.05	17
44	0.18624	0.47	1.27007		0.18092	0.53	1.27778	1.15		0.08	0.00767	0.08	16
45	0.18652	0.48	1.27078	1.12	0.18980	0.50	1-27842	1.15		0-10	0.00769	0.03 0.05	15 14
46	0·18681 0·18710	0.48	1.27140 1.27206		0-19016	0.50 0.50	1.27911 1.27980		1 01793	0.10	0 00774		18
47	0.18788	0.48	1.27278		0.19076	0.50	1.28049	1.13	1-01808	0.10	0 00776	0.05	
40	0.18767		1.27839				1-28117	1-15	1 01809	0.10	0 00779	0.08	11
50	0.18795	0.48	T-27405	1.10	0.19186	04.0	1.28186		1.01815	0.08	0.00781	0.03	·
51		0.47	I.27471	1.10	1	0.52	1.28254		1 01820	0.10	0.00788	0.05	9
52	0.18852	0.48	T-27587	1.08		0:50	1.28828		1-01826	0 10	-0-00786 -0-00788	0.08	8
58 54		0.48 0.47	1.27602 1.27668	1·10 1·10	0·19237 0·19257	0.50 0.50	1-28891 1-28450		1 01837	0.10	0.00791	0.08	6
55	0.18938	0.48	T-27784	1.08	0.19287	0.50	1-28527		1-01848	0.10	0.00793	0.05	ā
56	0.18967	0.47	1.27799	1.08	0-19317	0.50	1-28595		1 01849	0.08	0 00796	0.08	4
57	0.18995	0.48	1.27864	1.10	0.19847	0.52	1-28662	1-12	1.01854	0.10	0 00798	0.03	8
58	0.19024	0.47	1.27930	1.08	0.19878	0.50	1.28730		1 01860	010	00800 0 2020an	0.05	2
50	0.19052	0.48	1.27995	1.08	0.19408		I-28798	1.12	1.01866	0.10	0.00803	น'นอ	0
60	0.19081	on minning Wilson's	T-28060	namenationages and	0.19488	entra authorized	1.28805	27 7 win	1-01872		0.00805	· Iv., opposition or	j
	Cos.	D. 1".	Log Cos.	D. 1".	- Tiper	D. 1".	Log Ton-	. D. 1".	L'enine.	D. 1".	Log Custer	a. D. I".	1

79° 240

Proportional Parts of the 'Co-' Functions must be subtracted, Proportional Parts of the other Functions must be added.

n Cotan

ONOMETRICAL FUNCTIONS & THEIR LOGS. 11°

)												
۵.	1). 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
81	0.47	ī·28060	1.08	0.19438	0.50	1.28865	1.13	1.01872	0.08	0.00805	0.05	60
00		1.28125		0.19468	0.50	1.28933	1.12	1.01877	0.10	0.00808	0.03	59
38		1.28190		0.19498	0.52	1.29000	1.12	1.01883	0.10	0.00810	0.05	58
67		1.28254		0.19529	0.50	1.29067	1.12	1.01889	0.10	0.00813	0.03	57
95		1.28319	1	0.19559	0.50	1.29134	1.12	1.01895	0.10	0.00815	0.05	56
24		1.28384		0.19589	0.50	1.29201	1.12	1.01901		0.00818	0.03	55
52	-	$1.28448 \\ 1.28512$		0·19619 0·19649	$0.50 \\ 0.52$	$\frac{1.29268}{1.29335}$	$\begin{array}{c}1.12\\1.12\end{array}$	1.01906 1.01912	0·10 0·10	$0.00820 \\ 0.00823$	0.05	54 53
81 09		1.28577		0.19680	0.50	$\tilde{1} \cdot 29402$	1.10	1.01918	0.10	0.00825	0.05	52
38		1.28641		0.19710	0.50	T-29468	$\overline{1}$ $\overline{1}$ $\overline{2}$	1.01924	0.10	0.00828	0.03	51
66	0.48	T-28705	1.07	0.19740	0.50	T-29535	1.10	1.01930	0.10	0.00830	0.05	50
95	0.47	1.28769		0.19770	0.52	$\overline{1} \cdot 29601$	1.12	1.01936	0.08	0.00833	0.03	49
23	0.48	1.28833	1.05	0.19801	0.50	1.29668	1.10	1.01941	0.10	0.00835	0.05	48
52	0.48	1.28896	1.07	0.19831	0.50	1.29734	1.10	1.01947	0.10	0.00838	0.03	47
81	0.47	T·28960	1.07	0.19861	0.50	1.29800	1.10	1.01953	0.10	0.00840	0.05	46
09	0.18	1.29024	1.05	0.19891	0.50	T-29866	1.10	1.01959	0.10	0.00843	0.03	45
38	0.47	1.20087	1.05	0.19921	0.52 0.50	1.29932 1.29998	1.10	1.01965 1.01971	$0.10 \\ 0.10$	0.00845 0.00848	$0.05 \\ 0.03$	44
166 195	0·48 0·47	1.29150 1.29214	$\frac{1.07}{1.05}$	0.19952 0.19982	0.50	1.30064	1·10 1·10	1.01977	0.10	0.00850	0.05	42
23	0.48	1.20277	1.05	0.20012	0.50	T·30130	1.08	1.01983	0.10	0.00853	0.03	41
52	0.47	T-29340	1.05	0.20042	0.52	T-30195	1.10	1.01989	0.10	0.00855	0.05	40
80	0.48	1.29403		0.20073	0.50	1.30261	1.08	1.01995	0.10	0.00858	0.03	39
00	0.47	1.29466	1.05	0.20103	0.50	1.30326	1.08	1.02001	0.10	0.00860	0.05	38
137	0.48	1.29529	1.03	0.20138	0.52	1.30391	1.10	1.02007	0.10	0.00863	0.03	37
766	0.47	1.2959 L	1.05	0.20164	0.50	1.30457	1.08	1.02013	0.10	0.00865	0.05	36
794	0.48	L29654		0.20194	0.50	I-30522	1.08	1.02019	0.10	0.00868	0.03	35
823	0.47	1.29716		0.20224	0.50	T·30587 T·30652	1.08	1.02025 1.02031	$0.10 \\ 0.10$	0·00870 0·00873	0.05 0.05	34
851	0.48	1.29779 1.29841		$0.20254 \\ 0.20285$	0.52	1.30052	1.08 1.08	1.02037	0.10	0.00876	0.03	32
180 108	0·47 0·48	1.29903		0.20315	0.20	1.30782	1.07	1.02048	0.10	0.00878	0.05	31
037	0.47	1.20060	1	0.20345	0.52	T-30846	1.08	1.02049	0.10	0.00881	0.03	30
065	0.48	1.30028		0.20376	0.52	T-30911	1.07	1.02055	0.10	0.00883	0.05	29
194	0.47	1.80000		0.20406	0.50	1.30975	1.08	1.02061	0.10	0.00886	0.03	28
022	0.48	1:30151		0.20436	0.50	I-31040	1.07	1.02067	0.10	0.00888	0.05	27
051	0.47	f-30213	1.03	0.20466	0.52	T-31104	1.07	1.02073	0.10	0.00891	0.05	26
079	0.48	1.3027		0.20497	0.50	T-31168	1.08	1.02079		0.00894	0.03	25
108	0.47	1.30330		0.20527	0.50	I-31233	1.07	1.02085 1.02091		0·00896 0·00899	0·05 0·03	24 23
136	0.48	1.30398		0·20557 0·20588	0.52 0.50	1.31297 1.31361	1·07 1·07	1.02097	0.10	0.00000	0.05	22
165 193	0.47	1.30459	_	0.20618	0.50	T-31425	1.07	1.02103		0.00904	0.05	21
222	0.47	£3058		0.20648	0.52	T-31489				0.00907	0.03	20
$\frac{242}{250}$	0.48	1.30643		0.20679	0.50	1.81552		1.02116		0.00909	0.05	19
279	0.47	1.3070		0.20709	0.50	1.31616	1.05			0.00912	0.03	18
307	0.48	1.30700		0.20739	0.52	T.81679		1		0.00014	0.05	17
336	0.47	1.30820	3 1.02	0.20770	0.50	1.31743		1		0.00917	0.05	16
364	0.48	1.30883	7 1.00	0.20800						$0.00920 \\ 0.00922$	0.03	15 14
393	0.47	1.3094		0.20830		1.31870				0.00925	0.05	13
421	0.48	1.3100		$ 0.20861 \\ 0.20891$	0.50	Ph. 7				0.00028	0.03	12
450 478	0.47	1.31068		0.20921						0.00930	0.05	11
		1.8118		0.20952		cot				0.00933	0.05	10
$\begin{array}{c} 507 \\ 535 \end{array}$	0.47	1.8125		0.20982				1.02178	0.10	0.00936	0.03	9
563		1.8131		0.21018	0.50	1.32248	1.05	1.02184		0.00038	0.05	8
502	0.47	1.8187		0.21048	0.50	1998				0.00941	0.02	6
620	0.48	1.3143	0 1.00	0.21078						0.00944		1
649		f·3149		0.21104		P-100				0.00946 0.00949	0.05 0.05	5 4
677		1.3154		0.21134						0.00952	0.03	
706		1.3160		0.2116						0.00954	0.05	2
$734 \\ 763$		$\frac{13166}{1.3172}$		0.21190		9799 65 5.				0.00957	0.05	
		T-3178		0.2125		T-32747		1.0223		0.00960		0
791	OUT OF THE PROPERTY AND ADDRESS OF THE PARTY.	dr av Schnoppine ments ti		The state of the s	CARROLL STREET, STREET	'. Log Cot				Log Cose	a. D. 1"	. ,
os.	D, 1"	. Log Co	s. D. 1"			Log Cot						78
								04/1	PROTECT			· •

12°	T 1/T	GOI	MOMI			- · ·	JIVCI				TITE.	LUG
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1"	Log Tan.	D. 1".	See.	1), 1",	Log Sec.	D. 1".
0 1 2	0·20791 0·20820 0·20848	0·48 0·47 0·48	T-31788 T-31847 T-31907	0.98 1.00 0.98	0.21256 0.21280 0.21316	0.50 0.50 0.52	1.32747 1.32810 1.32872	1.05 1.03 1.02	1.02234 1.02240 1.02247 1.02253	0·10 0·12 0·10 0·10	0.00960 0.00962 0.00965	0.05 5 0.05 5
3 4 5	0.20905	0·47 0·47 0·48	T-31966 T-32025 T-32084	0.98 0.98	0.21347 0.21377 0.21408	0.50 0.52 0.50	T-32933 T-32995 T-33057	1.03 1.03 1.03	1.02259 1.02259 1.02266 1.02272	0·10 0·12 0·10 0·12	0.00968 0.00970 0.00973	0.03 5 0.05 5
6 7 8 9	$0.20990 \\ 0.21019$	0·47 0·48 0·47 0·48	T-32143 T-32202 T-32261 T-32319	0.98 0.98 0.97 0.98	$egin{bmatrix} 0.21438 \ 0.21469 \ 0.21499 \ 0.21529 \end{bmatrix}$	0.52 0.50 0.50 0.52	1:33119 1:33180 1:33242 1:33303	1·02 1·03 1·02 1·03	1.02279 1.02286 1.02291	0·10 0·10 0·12	0.00976 0.00978 0.00981 0.00984	0.08 5 0.05 5 0.05 5
10 11 12 13	$0.21104 \\ 0.21132$	0·47 0·47 0·48 0·47	T-32378 T-32437 T-32495 T-32553	0.98 0.97 0.97 0.98	0.21560 0.21590 0.21621 0.21651	0.50 0.52 0.50 0.52	1:33365 1:33426 1:33487 1:33548	1.02 1.02 1.02 1.02	1.02298 1.02304 1.02311 1.02317	0·10 0·12 0·10 0·10	0.00987 0.00989 0.00992 0.00995	0.03 5 0.05 4 0.05 4 0.05 4
14 15 16	0.21189 0.21218 0.21246	0·48 0·47 0·48	T-82612 T-82670 T-32728	0·97 0·97 0·97	0.21682 0.21712 0.21743	0.50 0.52 0.50 0.62	1.33609 1.33670 1.33731 1.33792	1.02 1.02 1.02 1.02	1-02323 1-02330 1-02336 1-02343	0·12 0·10 0·12 0·10	0.00098 0.01000 0.01003 0.01006	0.03 4 0.05 4 0.05 4
17 18 19 20	0·21808 0·21881	0·47 0·47 0·48 0·47	1.32786 1.32844 1.32902 1.32960	0.97 0.97 0.97 0.97	0.21773 0.21804 0.21834 0.21864	0.50 0.50	1.33863 1.83913 1.83974	1.00 1.02 1.00	1 02349 1 02366 1 02362	0·12 0·10 0·12	0.01009 0.01011 0.01014	0.05 4 0.05 4 0.05 4
21 22 23 24	$\begin{array}{c} 0.21388 \\ 0.21417 \\ 0.21445 \end{array}$	0·48 0·47 0·48 0·47	1.83018 1.83075 1.83133 1.83190	0.95 0.97 0.95 0.97	0.21895 0.21925 0.21956 0.21956	0.50 0.52 0.50 0.52	1·84084 1·84096 1·84156 1·84215	1·02 1·00 1·00 1·02	1-02369 1-02375 1-02382 1-02388	0·10 0·12 0·10 0·12	0·01017 0·01020 0·01022 0·01025	0.05 8 0.05 8 0.05 8
25 26 27 28 29	$\begin{array}{c} 0.21530 \\ 0.21559 \\ 0.21587 \end{array}$	0·47 0·48 0·47 0·48 0·47	1.83248 1.83805 1.83862 1.83420 1.83477	0.95 0.95 0.97 0.95 0.95	$\begin{array}{c} 0.22017 \\ 0.22047 \\ 0.22078 \\ 0.22108 \\ 0.22139 \end{array}$	0.50 0.50 0.50 0.52 0.50	1-84276 1-84386 1-34396 1-34456 1-84516	1 00 1 00 1-00 1-00 1-00	1.02305 1.02402 1.02408 1.02415 1.02421	0-12 0-10 0-12 0-10 0-12	0.01028 0.01031 0.01033 0.01036 0.01039	0.05 8 0.05 8 0.05 8 0.05 8
30 31 32 33 34	$\begin{array}{c} 0.21672 \\ 0.21701 \\ 0.21729 \end{array}$	0·47 0·48 0·47 0·48 0·47	1.83584 1.83591 1.83647 1.88704 1.88761	0.95 0.95 0.95 0.95 0.95	0.22169 0.22200 0.22231 0.22261 0.22292	0.52 0.53 0.50 0.52 0.50	1-84676 1-84635 1-84695 1-84755 1-84814	0.98 1.00 1.00 0.98 1.00	1-02435 1-02435 1-02441 1-02448 1-02454	0 12 0 10 0 12 0 10 0 12	0.01045 0.01045 0.01047 0.01050 0.01053	0.05 3 0.03 2 0.05 2 0.05 2 0.05 2
35 36 37 38 39	0.21814 0.21843 0.21871	0·47 0·48 0·47 0·47 0·48	I-88818 I-88874 I-38981 I-88987 I-84048	0.98 0.95 0.93 0.98 0.95	0.22322 0.22353 0.22383 0.22414 0.22444	0.52 0.50 0.52 0.50 0.50	1:34874 1:34983 1:34992 1:35051 1:35111	80:0 80:0 80:0 00:1 80:0	1 02461 1-02468 1 02474 1 02481 1-02488	0·12 0·10 0·12 0·12 0·12	0.01056 0.01059 0.01062 0.01064 0.01067	0.05 2 0.05 2 0.03 2 0.05 2 0.05 2
40 41 42 48 44	0.21928 0.21956 0.21985 0.22013	0·47 0·48 0·47 0·47 0·48	1.34100 1.84156 1.34212 1.34268 1.84324	0.93 0.93 0.93 0.93	0.22475 0.22505 0.22586 0.22567 0.22597	0.50 0.52 0.52 0.50 0.50	1-85170 1-85289 1-85288 1-85347 1-85405	0 98 0 98 0 98 0 97 0 98	1 02494 1 02501 1-02508 1-02515 1 02521	0 19 0 19 0 19 0 10 0 10	0-01070 0-01078 0-01076 0-01079 0-01081	0.05 2 0.05 1 0.05 1 0.03 1 0.05 1
45 46 47 48 49	0.22098 0.22120 0.22155	0·47 0·48 0·47 0·48	1.84880 1.84486 1.84491 1.84547 1.84602	0.98 0.92 0.93 0.93 0.93	0.22628 0.22658 0.22689 0.22719 0.22750	0-50 0-52 0-50 0-52 0-52	1-35464 1-35523 1-35581 1-35640 1-35698	0 98 0 97 0 98 0 97 0 98	1-02528 1-02535 1-02542 1-02548 1-02555	0 12 0 12 0 10 0 12 0 12	0-01084 0-01087 0-01090 0-01098 0-01096	0.05 1 0.05 1 0.05 1 0.05 1 0.05 1
50 51 52 58	0.22212 0.22240 0.22268 0.22297	0·47 0·47 0·48 0·47	1-84658 1-84718 1-84769 1-84824	0.92 0.93 0.92 0.92	0-22781 0-22811 0-22842 0-22872	0-50 0-52 0-50 0-52	1-35757 1-35815 1-35873 1-35931	0-97 0-97	1 02562 1-02569 1-02576 1-02582	0 12 0 12 0 10 0 12	0.01090 0.01102 0.01104 0.01107	0.05 0.03 0.05 0.05
54 56 56 57	0·22353 0·22382	0·47 0·48 0·47 0·47	T-84879 T-84984 T-84989 T-85044	0.92 0.92 0.92 0.92	0.22908 0.22984 0.22964 0.22995	0.52 0.50 0.52 0.52	1-85989 1-86047 1-86105 1-86103	0.97	1-02589 1-02596 1-02603 1-02610	0 12 0 12 0 12 0 12	0.01110 0.01113 0.01110 0.01119	0.05 0.05 0.05 0.05
58 59 60	0.22438 0.22467 0.22495	0·48 0·47	1.35099 1.35154 T.35209	0.92 0.92	0.23026 0.23056 0.23087	0.50 0.52	1-86221 1-86279 1-86886	0.97 0.95	1 02617 1 02624 1 02630	0.12	0.01122 0.01125 0.01128	0.05 0.05
	Cos.	D. 1".	Log Con.	1.1"	Cot.	11, 1",	Log Cut.	11.1"	Cases.	11.1"	Log Casec	D.1

NOMETRICAL FUNCTIONS & THEIR LOGS. 13°

-					<u> </u>	1101	100	~		LOC		
) .	D. 1".	Log Sin.	D. 1".	Tan.	D.1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
95	0.47	1·35209		0.23087		T-36336	0.97	1.02630	0.12	0.01128	0.05	60
23	0.48	1.35263		0.23117		1.36394	0.97	1.02637	0.12	0.01131	0.03	59
$\frac{52}{80}$	$0.47 \\ 0.47$	$\frac{1.35318}{1.35373}$		$0.23148 \\ 0.23179$		$\frac{1}{1}$.36452	0.95 0.95	1.02644 1.02651	0.12	0.01133	0.05	58 57
508	0.48	$\frac{1}{1} \cdot 35427$		0.23209		T-36566	0.97	1.02658	$\begin{array}{c} 0.12 \\ 0.12 \end{array}$	$0.01136 \\ 0.01139$	0.05	56
37	0.47	1.35481		0.23240		T·36624	0.95	1.02665		0.01142	0.05	55
665	0.47	1.35536		0.23271		Ī·36681	0.95	1.02672	$0.12 \\ 0.12$	0.01145	0.05	54
593	0.48	1.35590	0.90	0.23301	0.52	1.36738	0.95	1.02679	0.12	0.01148	0.05	53
722	0.47	1.35644		0.23332		I-36795	0.95	1.02686	0.12	0.01151	0.05	52
750	0.47	1.35698	1	0.23363		1.36852	0.95	1.02693		0.01154	0.05	51
778	0.48	1.35752		0.23393		1.36909	0.95	1.02700		0.01157	0.05	50
807 83ნ	0·47 0·47	1.35800 1.35860		$0.23424 \\ 0.23455$	$0.52 \\ 0.50$	1.36966 1.37023	0.95 0.95	$egin{array}{c} 1.02707 \ 1.02714 \end{array}$	$\substack{0.12\\0.12}$	0·01160 0·01163	0.05	49
363	0.48	1.35914		0.23485	0.52	1.37080	0.95	1.02721		0.01166	0.05	47
892	0.47	1.35968		0.23516	0.52	1.37137	0.93	1.02728		0.01169	0.05	46
920	0.47	T-36022	0.88	0.23547	0.52	Ī·37193	0.95	1.02735	0.12	0.01172	0.05	45
948	0.48	1.36070		0.23578	0.50	1.37250	0.93	1.02742	0.12	0.01175	0.05	44
77	0.47	1.36129		0.23608	0.52	1.37306	0.95	1.02749		0.01178	0.05	43
005	0.47	1.36182 1.36280		0.23639	0.52	I-37363 I-37419	0.93	1.02756		0.01181	0·05 0·05	42
033	0.48			0.23670	0.50		0.95	1.02763		0.01184	1	
$\begin{array}{c} 062 \\ 090 \end{array}$	0.47	1.36289 1.36342		$0.23700 \\ 0.23731$	$0.52 \\ 0.52$	1.37476 1.37532	0.93	1.02770 1.02777		0.01187 0.01190	0.05	40 30
118	0.47	1.36391		0.23762		1.37588				0.01193	0.05	38
140	0.48	1.36.149		0.23793		1.37644				0.01196	0.05	37
175	0.47	1.3650	88.0	0.23823	0.52	1.37700	0.93	1.02799	0.12	0.01199	0.05	36
203	0.17	1.3655	5 0.88	0.23854	0.52	I-37756		1.02806	-	0.01202	0.05	35
231		1.36608		0.23885		1.37812				0.01205	0.05	34
260	0.47	1.36660 1.3671		0.23916		1.37868 1.37924				$0.01208 \\ 0.01211$	0·05 0·05	33 32
$\frac{288}{316}$	$0.47 \\ 0.48$	1.3676		0.23977		1.37980				0.01214		31
345	0.47	1.3681		0.24008		1.38035		}		0.01217	0.05	30
373	0.47	1.3687		0.24039		T-38091				0.01220		29
401	0.47	1.3692		0.24069	0.52	1.38147				0.01223		28
429	0.48	1.3697		0.24100		1.38202				0.01226		27
458	0.47	1.3702		0.24131		1.38257		1		0.01229		26
1486	0.47	1.3708		0.24162		1.38313				$0.01232 \\ 0.01235$		25 24
514 542	0.47 0.48	$\frac{1.3713}{1.3718}$		0.24193		$\frac{1.38368}{1.38423}$				0.01238		23
8571	0.47			0.24254		1.38479				0.01241		22
1599	0.47			0.2428		T-38534	1 0 ⋅92	1.0290	7 0.12	0.01244	0.05	21
3627	0.48	1.3784	1 0.87	0.24316	0.52	1.38589	0.92			0.01247		20
3656	0.47			0.24347		1.88644				0.01250		19
3084				0.24377		1.38699 1.38754				$0.01254 \\ 0.01257$		18 17
3712 3740		40		0.24408		1.38808				0.01260		16
						T-8886				0.01263	3 0.05	15
8769 8797				1		1.38918				0.0126		14
3825						1.3897	2 0.92	1.0296		0.01269		
និតនិន		1.3775	55 0.85			T-39027				0.0127		
3882	0.47	1.3780	0.87	0.2459		T-3908						. !
3910						T-89130						
8038						I-8919 I-3924		1				
3900 3995						Î-3929					8 0.05	7
4028						T-8985	8 0.96	0 1.0301	7 0.12	0.0120	1 0.05	6 6
4051		**				T-3940	7 0.90					
4071					9 0.52	1.8946	1 0.9					
4108	3 0.47	7 [.882]	15 0.80	0.2484								
4130								·				
416								1.0300		0.0131		0
4192	eg, collegeoustra re	T·383	C-MO-CO-CO-CO-CO-CO-CO-CO-CO-CO-CO-CO-CO-CO	0.2498		T-8967				Andrews - Late 1 de aus Ma		-
Cos.	1). 1	". Log C	os. D. 1'	'. Cot.	D. 1"	, Log Co	t. D.1			'. Log Cos	ec. 1). l'	-
									Litaryatas)		76

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14	1 1/1	<u>uo</u>	A O TAT I						·				
1	Sine.	1), 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log See.	D. 1".	
0	0.24192	0.47	1.38368	0.83	0.24933	0.52	1.39677	0.90		0.13	0.01310	0.05	60
ĭ	0.24220	0.48	1.38418	0.85	0.24964	0.52	1.39731	0.90		0.12	0.01313	0.05	59
2	0.24249	0.47	1.38469	0.83	0.24995	0.52	1.39785	0.88	1.03076	0.13	0.01316	0.05	58
3	0.24277	0.47	1.38519	0.85	0.25026	0.50	1.39838	0.90	1.03084	0.12	0.01319	0.05	57
4	0.24305	0.47	1.38570	0.83	0.25056	0.52	1.39892	0.88		0.13	0.01322	0.05	56
5	0.24333	0.18	1.38620	0.83	0.25087	0.52	1.39945	0.90	1.03099	0.12	0.01325	0.07	55
6	0.24362	0.47	1.38670	0.85	0.25118	0.52	1.39999	0.88	1.03106 1.03114	0.13	0.01329	0.05	54
7	0.24390	0.47	1.38721	0.83	0.25149	0·52 0·52	1·40052 1·40106	0.88	1.03121	0.13	0·01332 0·01335	0.05	53
8	0.24418	0.47	1.38771 1.38821	0.83	0.25180 0.25211	0.52	1.40150	0.88	1.03129	0.13	0.01338	0.05	$\begin{bmatrix} 52 \\ 51 \end{bmatrix}$
9	0.24446	0.47					1.40212		1.03137	0.12	0.01841		
10	0.24474	0.48	1 38871	0.83	0.25242 0.25273	0.52 0.52	1.40266	0.88	1.03144	0.13	0.01344	0.05	50
11	0.24503	0.17	1.38921 1.38971	0.83	0.25304	0.52	1.40319	0.88	1.03152	0.12	0.01348	0.05	49
12 13	0.24531	$0.47 \\ 0.47$	1.39021	0.83	0.25335	0.52	1-10372	0.88	1.03159	0.13	0.01351	0.05	47
14	0.24587	0.47	1.39071	0.83	0.25366	0.52	1.40425	0.88	1.03167	0.13	0.01354	0.05	46
		0.48	7.39121	0.82	0.25397	0.52	1.40.178	0.88	1.03175	0.12	0.01357	0.05	45
15 16	0.24615 0.24644	0.47	1.39170	0.83	0.25428	0.62	1.40531	0.88	1.03182	0.13	0.01360	0.07	44
17	0.24672	0.47	1.39220	0.83	0.25459	0.52	1.40584	0.87	1.03190	0.12	0.01364	0.05	43
18	0.24700	0.47	1.39270	0.82	0.25490	0.52	1.40636	0.88	1.03197	0.13	0.01367	0.05	42
19	0.24728	0.47	1.39319	0.83	0.25521	0.52	1.40689	0.88	1.03205	0.13	0.01370	0.05	41
20	0.24756	0.47	1.39369	0.82	0.25552	0.52	1.40742	0.88	1.03213	0.12	0.01373	0.07	40
21	0.24784	0.48	1.39418	0.82	0.25583	0.62	1.40795	0.87	1.03220	0.13	0.01377	0.05	39
22	0.24813	0.47	1.39467	0.83	0.25614	0.52	1.40847	0.88	1.03228	0.13	0.01380	0.05	38
23	0.24841	0.17	1.39517	0.82	0.25645	0.52	1.40000	0.87	1.03236	0.13	0.01383	0.05	37
24	0.24800	0.47	1.39506	0.82	0.25676	0.52	1-40925	0.88	1.03244	0.12	0.01386	0.07	36
25	0.24897	0.47	1.39615	0.83	0.25707	0.03	1.41005	0.87	1.03251	0.13	0.01390	0.05	35
26	0.24925	0.48	1.39664	0.82	0.25738	0.52	1.41057	0.87	1.03259	0.13	0.01393	0.05	34
27	0.24954	0.47	1.39713	0.82	0.25769	0.52	1-41109	0.87	1.03267 1.03275	0·13 0·12	0.01396	0.05	33
28	0.24982 0.25010	0.47	1.39762 1.39811	0.82	0.25831	0.52 0.52	1:41161 1:41214	0.87	1.03283	0.13	0.01403	0.07	32
29									1.03290	0.13	0.01406		
30	0.25038	$0.47 \\ 0.47$	1.89860 1.39909	0.82 0.82	0.25802 0.25893	0·52 0·52	1.41206 1.41318	0.87 0.87	1.03298	0.13	0.01409	0.05	30 29
31 32	0.25000	0.47	1.39958	0.80	0.25924		1-11370	0.87	1.03306	0.13	0.01412	0.07	28
33	0.25122	0.48	1.40006	0.82	0.25955	0.52	1-41422	0.87	1.03313	0.13	0.01416	0.05	27
34	0.25151	0.47	1.40055	0.80	0.25986	0.52	1.41474	0.87	1.03321	0.13	0.01419	0.05	26
35	0.25179	0.47	1.40103	0.82	0.26017	0.52	1.41526	0.87	1.03329	0.13	0.01422	0.07	25
36	0.25207	0.47	1.40152	0.80	0.26048	0.52	1.41578	0.85	1.03337	0.13	0.01426	0.05	24
37	0.25235	0.47	1.40200	0.82	0.26079	0.52	1.41629	0.87	1.03345	0.13	0.01429	0.05	23
38	0.25263	0.47	1.40249	0.80	0.26110	0.52	1.41681	0.87	1.03353	0.12	0.01432	0.05	22
89	0.2529 L	0.48	1.40297	0.82	0.26141	0.52	1.41733	0.85	1.03360	0.13	0.01435	0.07	21
40	0.25320	0.47	1.40346	0.80	0.26172	0.52	141784	0.87	1.03368	0.13	0.01489	0.05	20
41	0.25348	0.47	1.40894	0.80	0.26208	0.53	1-41836	94.0	1.08370	0.13	0.01442	0.05	19
42	0.25376	0.47	1.40442	0.80	0.26235	0.62 0.62	1-41887 1-41939	0.87	1.03384	0.13	0.01445	0.07	18
48	0.25404	0.47	1.40490 1.40538	0.80	0.26297	0.62	1.41990	48.0	1.03400	0.18	0.01452	0.05	17
I I					0.26328	0.52	1-42041	0.87	1.03408	0.13	0.01455		15
45 40	0.25488	0.47	1.40586	0.80 0.80	0.20326	0.52	1.42098	0.85	1.03416	0.13	0.01459	0.07	14
47	0.25516	0.48	1.40682	0.80	0.26390	0.52	1-42144	48.0	1.03424	0 13	0.01462	0.05	13
48	0.25545	0.47	1.40730	0.80	0.26421	0.52	1.42198	0.85		0.12	0.01465	0.07	
49	0.25573	0.47	1.40778	0.78	0.26452	0.52	1-42246	0.85	1.03439	0.13	0.01469	0.05	11
50	0.25601	0.47	1.40825	0.80	0.26488	0.53	1.42297	0.85	1-03447	0.13	0.01472	0.05	10
51	0.25629	0.47	1.40878	0.80	0.26515	0.52	1.42348		1-03455	0.13	0.01475	0.07	9
52	0.25657	0.47	1.40921	0.78	0.26546	0.52	1.42399		1.03463	0.13	0.01479	0.05	8
58	0.25685	0.47	1.40968	0.80	0.26577	0.53	1.42450		1.03471	0.13	0.01482	0.05	7
54	0.25718	0.47	1.41016	0.78	0.20008	0.52	1.42501	1	1.08479	0.13	0.01485	0.07	G
55	0.25741	0.47	1.41063	0.80	0.26639	0.52	1.42552	0.85	1.08487	0.13	0.01489	0.05	5
56	0.25769	0.48	1.41111	0.78	0.20070	0.52	1.42608		1.03495	0.13	0.01492	0.05	4
57 58	0.25798	0·47 0·47	1.41158 1.41205	0.78 0.78	0.26701	0.53 0.52	1.42653 1.42704	0.85		0 18 0 15	0-01495 0-01499	0.07	3 2
59	0.25854	0.47	1.41252	0.80	0.26764	0.52	1.42755	0.85 0.83		0.13	0.01302	0.07	1
60	0.25882	1	1.41300	VV	0.26795	17 17 M	1.42805	., ,,,,,		47 8 3 7	0.01506		o
00	New teasure and the second section of the section of the sectio	and the same of th	Manager and processing the send of the same	THE CONTRACTOR AND ADDRESS.	· / States of American Distri	F- 1100	arter .	v 3000	1.08528		- + *****		40 margina
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec,	D. 1".	Log Cosea	, D, 1".	' '

ONOMETRICAL FUNCTIONS & THEIR LOGS. 15°

D. 1". Log Tan. D. 1". Sec.

D. 1". Log Sec. D. 1".

D. 1". Log Sin. D. 1".

Tan.

						208 2011.		200.	D. I .	Liog Sec.	D. L .	
$82 \\ 10$	$0.47 \\ 0.47$	1.41300 1.41347	0·78 0·78	0.26795 0.26826	$0.52 \\ 0.52$	$\overline{1} \cdot 42805$ $\overline{1} \cdot 42856$	0·85 0·83	1.03528 1.03536	0·13 0·13	0·01506 0·01509	0·05 0·05	60 59
38 66	$0.47 \\ 0.47$	1·41394 1·41441	0·78 0·78	0.26857 0.26888	$0.52 \\ 0.53$	$\overline{1.42906}$ $\overline{1.42957}$	0·85 0·83	1.03544 1.03552	0·13 0·13	0·01512 0·01516	0·07 0·05	58
94	0.47	1.41488	0.78	0.26920	0.52	1.43007	0.83	1.03560	0.13	0.01518	0.03	57 56
$\frac{22}{50}$	$0.47 \\ 0.48$	1·41535 1·41582	0·78 0·77	0.26951 0.26982	$\substack{0.52\\0.52}$	$\begin{array}{c} \overline{1} \cdot 43057 \\ \overline{1} \cdot 43108 \end{array}$	0.85 0.83	1.03568 1.03576	0.13	0.01523	0.05	55
79	0.47	1.41628	0.78	0.27013	0.52	1.43158	0.83	1.03576	$\begin{array}{c} 0.13 \\ 0.13 \end{array}$	$0.01526 \\ 0.01529$	0·05 0·07	54 53
07	$0.47 \\ 0.47$	$1.41675 \\ 1.41722$	0·78 0·77	0.27044	$\begin{array}{c} 0.53 \\ 0.52 \end{array}$	$\frac{1.43208}{1.43258}$	0·83 0·83	1.03592 1.03601	0·15 0·13	0.01533 0.01536	0·05 0·07	52 51
.63	0.47	1.41768	0.78	0.27107	0.52	1.43308	0.83	1.03609	0.13	0.01540	0.05	50
.91 .19	$0.47 \\ 0.47$	1.41815	0·77 0·78	$0.27138 \\ 0.27169$	$0.52 \\ 0.53$	1.43358 1.43408	0.83 0.83	1.03617 1.03625	$0.13 \\ 0.13$	0.01543 0.01547	0·07 0·05	49
47	0.47	1.41908	0.77	0.27201	0.52	1.43458	0.83	1.03633	0.15	0.01550	0.05	47
.75 103	0·47 0·47	1·41954 1·42001	0·78 0·77	$0.27232 \\ 0.27263$	$0.52 \\ 0.52$	1.43508 1.43558	0·83 0·82	1.03642 1.03650	0.13 0.13	0.01553 0.01557	0·07 0·05	46
31	0.47	1.42047	0.77	0.27294	0.53	1.43607	0.83	1.03658	0.13	0.01560	0.07	44
$\frac{59}{87}$	$0.47 \\ 0.47$	1.42093 1.42140	0·78 0·77	$0.27326 \\ 0.27357$	$\begin{array}{c} 0.52 \\ 0.52 \end{array}$	1.43657 1.43707	0.83 0.82	1.03666 1.03674	$0.13 \\ 0.15$	$0.01564 \\ 0.01567$	0·05 0·07	43 42
115	0.47	1.42186	0.77	0.27388	0.52	1.43756	0.83	1.03683	0.13	0.01571	0.05	41
171	0·47 0·48	1.42232 1.42278	0·77 0·77	0.27419 0.27451	$\begin{array}{c} 0.53 \\ 0.52 \end{array}$	1.43806 1.43855	0.82 0.83	1.03691 1.03699	0·13 0·15	$0.01574 \\ 0.01578$	0·07 0·05	40 39
00	0.47	1.42324	0.77	0.27482	0.52	1.43905	0.82	1.03708	0.13	0.01581	0.07	38
28 56	$0.47 \\ 0.47$	1.42370 1.42416	$0.77 \\ 0.75$	$ 0.27513 \\ 0.27545 $	$0.53 \\ 0.52$	1.43954 1.44004	0.83 0.82	1.03716 1.03724	$0.13 \\ 0.13$	$0.01585 \\ 0.01588$	0·05 0·05	37
84	0.47	1.42461	0.77	0.27576	0.52	1.44053	0.82	1.03732	0.15	0.01591	0.07	35
$\frac{12}{40}$	0·47 0·47	$1.42507 \\ 1.42553$	$0.77 \\ 0.77$	$\begin{bmatrix} 0.27607 \\ 0.27638 \end{bmatrix}$	$0.52 \\ 0.53$	1.44102 1.44151	0.82 0.83	1.03741 1.03749	$0.13 \\ 0.13$	$0.01595 \\ 0.01598$	0·05 0·07	34
68 96	$0.47 \\ 0.47$	1.42599 1.42644	0.75 0.77	$0.27670 \\ 0.27701$	$\substack{0.52\\0.52}$	1.44201 1.44250	$0.82 \\ 0.82$	1.03757 1.03766	$0.15 \\ 0.13$	$0.01602 \\ 0.01605$	0·05 0·07	32 31
24	0.47	1.42690	0.75	0.27732	0.53	144299	0.82	1.03774	0.15	0.01609	0.05	30
52	0·17 0·17	1.42735 1.42781	0.77	$0.27764 \\ 0.27795$	$0.52 \\ 0.52$	1.44348 1.44397	$0.82 \\ 0.82$	1.03783 1.03791	$0.13 \\ 0.13$	0.01612 0.01616	0.07	29 28
80 801	0.47	1.42826	0·75 0·77	0.27826	0.53	1.44446	0.82	1.03799	0.15	0.01619	0·05 0·07	27
36	0.47	1.42872	0.75	0.27858	0.52	1.44495	0.82	1.03808	0.15	0.01623	0.07	26
164 192	0·47	$1.42917 \\ 1.42962$	0·75 0·77	$0.27889 \\ 0.27921$	$0.53 \\ 0.52$	1.44544 1.44592	0.80 0.82	1.03816 1.03825	0.15 0.13	$0.01627 \\ 0.01630$	0.05	25 24
$\frac{20}{48}$	0·47 0·47	1.43008 1.43053	0.75 0.75	0·27952 0·27983	$0.52 \\ 0.53$	$1.44641 \\ 1.44690$	0.82 0.80	1.03833 1.03842	$0.15 \\ 0.13$	0.01634 0.01637	0.05	23 22
76	0.17	1.43008	0.75	0.28015	0.52	1.44738	0.82	1.03850	0.13	0.01641	0.05	21
$\frac{04}{32}$	0·47 0·47	1.43143 1.43188	0.75 0.75	0.28046 0.28077	0·52 0·53	1.44787 1.44836	0.82 0.80	1.03858 1.03867	$0.15 \\ 0.13$	$0.01644 \\ 0.01648$	0.07	20 19
00	0.47	1.43233	0.75	0.28109	0.52	1.44884	0.82	1.03875	0.15	0.01651	0.07	18
16 16	$0.47 \\ 0.47$	$1.43278 \\ 1.43323$	0.75	0.28140	$0.53 \\ 0.52$	T 44933 I 44981	0·80 0·80	1.03884 1.03892	$0.13 \\ 0.15$	0·01655 0·01658	0.05	17
44	0.47	1.48367	0.75	0.28203	0.52	1.45029	0.82	1.03901	0.13	0.01662	0.07	1.5
72 100	0·47 0·47	1.48412 1.48457	0.75	0.28234	0·53 0·52	1.45078 1.45126	0.80	1.03909 1.03918	0·15 0·15	0.01666 0.01669	0.05	14 13
28	0.47	1.48502	0.73	0.28297	0.53	1.45174 1.45222	0.80	1.03927 1.03935	0·13 0·15	0.01673 0.01676	0.05 0.07	12
84 84	0·47 0·47	1·43546 1·43591	0.75	0.28329	0.52 0.52	1.45271	0.82 0.80	1.03944	0.13	0.01680	0.05	11
12	0.47	1.48635	0.75	0.28391	0.53	1.45319	0.80	1.03952	0.15	0.01683	0.07	9
40 68	0·47 0·47	1·48680 1·43724	0·73 0·75		$0.52 \\ 0.53$	1.45367 1.45415	0.80 0.80	1.03961 1.03969	0·13 0·15	0·01687 0·01691	0.07	8
96	0.47	1.48769	0.73	0.28486	0.52	1.45463	0.80	1.03978	0.15	0.01694	0.07	6
24 52	0·47 0·47	1.43813 1.43857	0.73 0.73	0.28517 0.28540	$0.53 \\ 0.52$	1.45511	0.80 0.78	1.03987 1.03995	0·13 0·15	$0.01698 \\ 0.01701$	0.05	5 4
80	0.47	1.43901	0.75	0.28580	0.53	T-45606	0.80	1.04004 1.04018	0·15 0·18	$0.01705 \\ 0.01709$	0·07 0·05	3 2
08 36	0·47 0·47	1.43946 1.43990	$0.73 \\ 0.73$	0.28612 0.28648	0·52 0·53	1.45654 1.45702	0·80 0·80	1.04013	0.15	0.01709	0.03	1
64	ECOV OT-THERMOLIFED	1.44084	* No. de 15(1) 47(1) 19(1)	0.28675		T-45750		1.04030		0.01716		0
		Log Cos.	D.1".	Cot.		Log Cot.				Log Cosec.	D. 1".	,
		Proportio	nal P	arts of the	Co-	Function	is mus	st be subtrust be ad	racted.	•	245	74°
		rroport	ional	rarts of	ine oth	or xuncu	บบเชาก	08 ((()	i (61 b.		ώ°kt)	

10	1 1/1	UOI	4 OTAT	~	CICAI		JIVCI			TITEIK	LUGS.
1	Sine.	D, 1".	Log Sin.	D. 1".	Tan.	D, 1",	Log Tan.	D. I".	Sec.	D. 1". Log See	D. 1".
0 1 2 3 4	0·27564 0·27592 0·27620 0·27648 0·27676	0·47 0·47 0·47 0·47 0·47	1·44034 1·44078 1·44122 1·44166 1·44210	0.73 0.73 0.73 0.73 0.73	0·28675 0·28706 0·28738 0·28769 0·28801	0·52 0·53 0·52 0·53 0·52	1.45750 1.45797 1.45845 1.45892 1.45940	0.78 0.80 0.78 0.80 0.78	1.04030 1.04039 1.04047 1.04056 1.04065	0·15 0·0171 0·13 0·0171 0·15 0·0172 0·15 0·0172 0·18 0·0173	9 0.07 59 3 0.07 58 7 0.05 57
5 6 7 8 9	0.27704 0.27731 0.27750 0.27787 0.27815	0·45 0·47 0·47 0·47 0·47	T·44253 T·44297 T·44341 T·44385 T·44428	0·73 0·73 0·73 0·72 0·73	0·28832 0·28864 0·28805 0·28927 0·28958	0·53 0·52 0·53 0·52 0·53	1.45987 1.46035 1.46082 1.46130 1.46177	0.80 0.78 0.80 0.78 0.78	1.04073 1.04082 1.04091 1.04100 1.04108	0.15 0.0173 0.15 0.0173 0.15 0.0174 0.13 0.0174 0.15 0.0174	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
10 11 12 13 14	0.27818 0.27848 0.27871 0.27899 0.27927 0.27955	0·47 0·47 0·47 0·47 0·47	1.44472 1.44516 1.44559 1.44602 1.44646	0·78 0·72 0·72 0·73 0·73	0·28990 0·29021 0·29053 0·29084 0·29116	0.52 0.53 0.52 0.53 0.53	1.46224 1.46271 1.46319 1.46366 1.46413	0.78 0.80 0.78 0.78 0.78	1.04117 1.04126 1.04135 1.04144 1.04152	0·15 0·0175 0·15 0·0175 0·15 0·0176 0·13 0·0176 0·15 0·0176	2 0.07 50 6 0.07 49 0 0.05 48 3 0.07 47
15 16 17 18 19	0.27983 0.28011 0.28039 0.28067 0.28095	0·47 0·47 0·47 0·47 0·47	1.44689 1.44733 1.14776 1.44819 1.44862	0·73 0·72 0·72 0·72 0·72	0.29147 0.29179 0.29210 0.29242 0.29274	0·58 0·52 0·53 0·53 0·53	1-46460 1-46564 1-46564 1-46601 1-46648	0.78 0.78 0.78 0.78 0.78	1.04161 1.04170 1.04179 1.04188 1.04197	0.15 0.0177 0.15 0.0177 0.15 0.0177 0.15 0.0178 0.15 0.0178	1 0.05 45 4 0.07 44 8 0.07 48 2 0.05 42
20 21 22 23 24	0.28123 0.28150 0.28178 0.28206 0.28234	0·45 0·47 0·47 0·47 0·47	1.44905 1.44948 1.44992 1.45035 1.45077	0·72 0·73 0·72 0·70 0·72	0-29305 0-29337 0-29368 0-29400 0-29432	0·53 0·52 0·53 0·53 0·53	1-46694 1-46741 1-46788 1-46885 1-46881	0·78 0·78 0·78 0·77 0·77	1-04206 1-04214 1-04228 1-04232 1-04241	0-13 0-0178 0-15 0-0179 0-15 0-0179 0-15 0-0180 0-15 0-0180	9 0.07 40 3 0.05 39 6 0.07 88 0 0.07 87
25 26 27 28 29	0.28262 0.28290 0.28318 0.28346 0.28374	0·47 0·47 0·47 0·47 0·47	1.45120 1.45163 1.45206 1.45249 1.45292	0·72 0·72 0·72 0·72 0·72	0·29463 0·29495 0·29526 0·29558 0·29590	0.53 0.52 0.53 0.53 0.53	1-46928 1-46975 1-47021 1-47068 1-47114	0.78 0.77 0.78 0.77 0.77	1:04250 1:04259 1:04268 1:04277 1:04286	0-15 0-0180 0-15 0-0181 0-15 0-0181 0-15 0-0181 0-15 0-0182	8 0.05 35 1 0.07 84 5 0.07 38 9 0.07 32
30 31 32 33 34	0.28402 0.28429 0.28457 0.28485 0.28513	0.45 0.47 0.47 0.47 0.47	1.45334 1.45377 1.45419 1.45462 1.45504	0·72 0·70 0·72 0·70 0·72	0·29621 0·29653 0·29685 0·29716 0·29748	0.53 0.53 0.52 0.53 0.53	1-47160 1-47207 1-47253 1-47299 1-47846	0.78 0.77 0.77 0.78 0.77	1-04295 1-04304 1-04313 1-04322 1-04331	0 15 0-0182 0-15 0-0183 0 15 0-0183 0-15 0-0183 0-15 0-0184	6 0.07 80 0 0.07 29 4 0.07 28 8 0.05 27
35 36 37 38 39	0.28541 0.28569 0.28597 0.28625 0.28652	0.47 0.47 0.47 0.45 0.45	1.45547 1.45589 1.45682 1.45674 1.45716	0·70 0·72 0·70 0·70 0·70	0.29780 0.29811 0.29843 0.29875 0.29906	0.52 0.53 0.53 0.52 0.53	1-47892 1-47438 1-47484 1-47530 1-47576	0.77 0.77 0.77 0.77 0.77	1.04349 1.04349 1.04358 1.04367 1.04376	0-15 0-0184 0-15 0-0184 0-15 0-0180 0-15 0-0180 0-15 0-0180	$\begin{array}{ccccc} 5 & 0.07 & 25 \\ 9 & 0.07 & 24 \\ 3 & 0.05 & 23 \\ 6 & 0.07 & 22 \end{array}$
40 41 42 48 44	0.28680 0.28708 0.28736 0.28764	0·47 0·47 0·47 0·47 0·47	1.45758 1.45801 1.45843 1.45885 1.45927	0·72 0·70 0·70 0·70 0·70	0.20938 0.29970 0.30001 0.80033 0.30065	0.53 0.52 0.53 0.53 0.53	1-47622 1-47668 1-47714 1-47760 1-47806	0.77 0.77 0.77 0.77 0.77	1:04385 1:04394 1:04403 1:04413 1:04423	0:15 0:0186 0:15 0:0186 0:17 0:0187 0:15 0:0187 0:15 0:0187	4 0.07 20 8 0.05 19 1 0.07 18 5 0.07 17
45 46 47 48 49	0.28820 0.28847 0.28875 0.28908 0.28931	0·45 0·47 0·47 0·47 0·47	1.45969 1.46011 1.46053 1.46095 1.46136	0.70 0.70 0.70 0.68 0.70	0.80097 0.80128 0.80160 0.80192 0.80224	0.52 0.53 0.53 0.53 0.53	1-47852 1-47897 1-47943 1-47989 1-48035	0·75 0·77 0·77 0·77 0·75	1.04481 1.04440 1.04449 1.04468 1.04468	0-15 0-0188 0-15 0-0189 0-15 0-0189 0-17 0-0189 0-15 0-0189	8 0.07 15 7 0.05 14 0 0.07 18 4 0.07 12
50 51 52 58 54	0.28959 0.28987 0.29015 0.29042 0.29070	0·47 0·45 0·45 0·47	1.46178 1.46220 1.46262 1.46303 1.46345	0.70 0.70 0.68 0.70 0.68	0.80255 0.80287 0.80819 0.80851 0.80882	0.58 0.58 0.58 0.52 0.52	1.48080 1.48120 1.48171 1.48217 1.48202	0.77 0.78 0.77 0.78 0.75	1:04477 1:04486 1:04495 1:04504 1:04514	0-15 0-0190 0-15 0-0190 0-15 0-0191 0-17 0-0191 0-15 0-0191	2 0.07 10 6 0.07 9 0 0.05 8 3 0.07 7
55 56 57 58 59	0.29098	0·47 0·47 0·47 0·45 0·47	T·46386 T·46428 T·46469 T·46511 T·46552	0.70 0.68 0.70 0.68 0.70	0.80414 0.80446 0.80478 0.80509 0.80541	0.53 0.53 0.52 0.53 0.53	1.48307 1.48358 1.48398 1.48448 1.48489	0.77 0.75 0.75 0.75 0.77	1-04523 1-04532 1-04541 1-04551 1-04560	0-15 0-0192 0-15 0-0192 0-17 0-0192 0-15 0-0193 0-15 0-0193	1 0.07 5 5 0.07 4 9 0.07 8 8 0.07 2
60	and the sale of the sale of the sale of	T) 1"	T-46594 Log Cos.	D 10	0.30578	and in Report to	T-48534	election of	1.04569	0.0194	0 0
L	Cos.	17, 1,	TOR COST	D, L'.	Cot.	レルニ	Log Cot.	D. I''.	Cosec.	D. P'. Log Co.	60. D. I'.

NOMETRICAL FUNCTIONS & THEIR LOGS. 17°

							X 111	1511			11
D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
7 0.47	1.46594	0.68	0.30573	0.53	1.48534	0.75	1.04569	0.15	0.01940	0.07	60
0.47	T-46635	0.68	0.30605	0.53	1.48579	0.75	1.04578	0.17	0.01944	0.07	59
B 0.47	1.46676	0.68	0.30637	0.53	1.48624	0.75	1.04588	0.15	0.01948	0.07	58
0.45	1.46717	0.68	0.30669	0.52	I-48669	0.75	1.04597	0.15	0.01952	0.07	57
8 0.47	T-46758	0.70	0.30700	0.53	1.48714	0.75	1.04606	0.17	0.01956	0.07	56
0.47	1.46800	0.68	0.30732	0.53	T·48759	0.75	1.04616	0.15	0.01960	0.07	55
0.47	1.46841 T.46882	0.68 0.68	0.30764 0.30796	0.53	I-48804	0.75	1.04625	0.17	0.01964	0.07	54
0.47	1.46923	0.08	0.30738	$0.53 \\ 0.53$	$\frac{1.48849}{1.48894}$	0·75 0·75	1.04635 1.04644	0.15	0.01968	0.05	53
0.47	1.46964	0.68	0.30860	0.52	T-48939	0.75	1.04653	$\begin{array}{c} 0.15 \\ 0.17 \end{array}$	0.01971 0.01975	$0.07 \\ 0.07$	52 51
	T-47005	0.67	0.30891	0.53	T-48984	19	1				1 1
0.47	1.47045	0.68	0.30923	0.53	1.49029	$0.75 \\ 0.73$	1.04663 1.04672	$0.15 \\ 0.17$	0.01979 0.01983	0.07	50
0.47	1.47086	0.68	0.30955	0.53	T-49073	0.75	1.04682	0.15	0.01987	0·07 0·07	49
0.45	1.47127	0.68	0.30987	0.53	1.49118	0.75	1.04691	0.15	0.01991	0.07	47
0.47	1.47168	0.68	0.31019	0.53	1.49163	0.73	1.04700	0.17	0.01995	0.07	46
0.47	T-47209	0.67	0.31051	0.53	1.49207	0.75	1.04710	0.15	0.01999	0.07	45
0.47	1.47249	0.68	0.31088	0.53	T-49252	0.73	1.04719	0.17	0.02003	0.07	44
0.45	1.47290	0.67	0.31115	0.53	<u>T</u> ·49296	0.75	1.04729	0.15	0.02007	0.07	43
0.47	1.47330	0.68	0.31147	0.52	<u>T</u> ·49341	0.73	1.04738	0.17	0.02011	0.05	42
0.47	1.47371	0.67	0.31178	0.53	1.49385	0.75	1.04748	0.15	0.02014	0.07	41
0.47	1.47411	0.68	0.31210	0.53	1.49430	0.73	1.04757	0.17	0.02018	0.07	40
0.47	1.47452	0.67	0.31242	0.53	1.49474	0.75	1.04767	0.15	0.02022	0.07	39
0.45	1.47402	0.68	0.31274	0.53	1.49519	0.73	1.04776	0.17	0.02026	0.07	38
0.47	1.47533	0.67	0.31306	0.53	1.49568	0.73	1.04786	0.15	0.02030	0.07	37
0.47	1.47573	0.67	0.31338	0.53	T·49607	0.75	1.04705	0.17	0.02034	0.07	36
0.47	T-47613	0.68	0.31370	0.53	1.49652	0.73	1.04805	0.17	0.02038	0.07	35
0.45	1.47654	0.67	0.31402	0.53	1.49696 1.49740	0.73	1.04815	0.15	0.02042	0.07	34
0.47 0.47	1.47694 1.47734	0.67	$0.31434 \\ 0.31466$	0·53 0·53	1.49740	0·73 0·73	1.04824 1.04834	$0.17 \\ 0.15$	$0.02046 \\ 0.02050$	0·07 0·07	33
0.47	1.47774	0.07	0.31498	0.53	1.49828	0.73	1.04843	0.17	0.02054	0.07	31
0.45	1.47814	0.67	0.31530	0.53	1.49872	0.73	1.04853	0.17	0.02058	0.07	
0.47	1.47854	0.67	0.31562	0.53	1.40916	0.73	1.04863	0.15	0.02062	0.07	30 29
0.47	1-47804	0.67	0.31504	0.53	1.40960	0.73	1.04872	0.17	0.02066	0.07	28
0.47	1-17934	0.67	0.31626	0.53	1.50004	0.78	1.04882	0.15	0.02070	0.07	27
0.45	1-47974	0.67	0.31658	0.53	1.50048	0.73	1.04891	0.17	0.02074	0.07	26
0.47	1.48014	0.67	0.31690	0.53	1.50092	0.73	1.04901	0.17	0.02078	0.07	25
0.47	T-48054	0.67	0.31722	0.53	1.50136	0.73	1.04911	0.15	0.02082	0.07	24
0.45	1.48094	0.65	0.31754	0.58	1.50180	0.72	1.04920	0.17	0.02086	0.07	23
0.47	1.48183	0.67	0.31786	0.23	1.50223	0.73	1.04930	0.17	0.02090	0.07	22
0.47	1.48178	0.67	0.31818	0.23	1.50267	0.73	1.04940	0.17	0.02094	0.07	21
0.47	1.48213	0.65	0.31850	0.53	1.50311	0.73	1.04950	0.15	0.02098	0.07	20
0.45	1.48252	0.07	0.31882	0.58	1.50355	0.72	1.04959	0.17	0.02102	0.07	19
0.47	T-48292	0.67	0.31914	0·53 0·53	1.50398 1.50442	0.73	1.04969 1.04979	$\begin{array}{c} 0.17 \\ 0.17 \end{array}$	$0.02106 \\ 0.02110$	0.07	18
0·47 0·45	1.48332 1.48371	0.65 0.67	0.31946	0.53	1.50442	$0.72 \\ 0.73$	1.04989	0.15	0.02110	0.07	17 16
					T.50529				0.02118		
0·47 1 0·47	T-48411 1-48450	0.65	0.32010 0.32042	0.53 0.53	1.50529 1.50572	0·72 0·73	1.04998 1.05008	$0.17 \\ 0.17$	0.02118 0.02122	0.07	15 14
0.47	1.48490	0·67 0·65	0.32044	0.53	1.50012	0.73	1.05018	0.17	0.02122	0.07	13
0.45	1.48529	0.65	0.32106	0.55	1.50659	0.73	1.05028	0.17	0.02130	0.07	12
0.47	1.48568	0.05		0.53	1.50703	0.72	1.05038	0.15	0.02134	0.08	11
0.47	T-48607	0.87	0.32171	0.58	T.50746	0.72	1.05047	0.17	0.02139	0.07	10
0.45	T-48647	0.65	0.32203	0.58	1.50789	0.73	1.05057	0.17	0.02143	0.07	9
0.47	1.48686	0.65	0.32235	0.23	T.50833	0.72	1.05067	0.17	0.02147	0.07	8
0.47	1.48725	0.65	0.82267	0.53	I.50876	0.72	1.05077	0.17	0.02151	0.07	7
0.45	1.48764	0.65	0.32299	0.28	1.50919	0.72	1.05087	0.17	0.02155	0.07	6
0.47	1.48808	0.65	0.32331	0.58	I-50962	0.72	1.05097	0.17	0.02159	0.07	5
0.47	1.48842	0.65	0.32363	0.88	I-51005	0.72	1.05107	0.15	0.02163	0.07	4
0.45	I-48881	0.65	0.32396	0.23	T-51048	0.73	1.05116	0.17	0.02167	0.07	8
0.47	T-48920	0.65	0.32428	0.88	T·51092 T·51185	0.72	1.05128	0·17 0·17	$0.02171 \\ 0.02175$	0·07 0·07	2 1
0.47	1.48959	0.65	0.32460	0.23		0.72	1.05186	A.T.		0.07	
	T-48998	**************************************	0.32492		T.51178		1.05146		0.02179		0
D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec	. D. 1".	

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	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1". C	'ernere,	D. 1".	Log Coace.
	0.32557		1.51264		0.84488		1.53697	1.4	05702		0.02433
9	6.82529	0.47	1.51227	0.62	0.34400	u-៦តិ	1.22020	0.68 14		0-18	0.02429
	0.32474	0·47 0·45	1.51154	0.62	0.84885	āā•0 8ā•0	1.53574 1.53615		05730 05741	018	0.02424
	0.32447	0.45	1.51117	0.62	0.84808	84.0	1.53533	0.08 1 (0.17	0.02416
	0.82419	0.47	1.51080	0.62	0.34270	0.55	1.53492	0.68,14		0.18	0.02411
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	0.82364 0.82802	0·47 0·45	1.51007 1.51048	0.60	0.84205	0-85 0-53	1.58409 1.58450	0.68 1 0	មក្សា លោកបា	0.17	0 02408 0 02407
	0.82887	0.47	1.50970	0.62	0.34178	0.53	1.53368		05678	0.17	8 02 102
	0.82309	0.47	1.50933	0.62	0.84140	0.55	1.53327		04667	0.18	0.05364
	0.32282	0.45	1.50886	0.62	0.84108	0.53	1-58285	0.76 1.6		0.17	0.02390
	0.32254	0.47	1.50858	0.68	0.84075	66.0	1.53244	0.08 14		0.18	0-02385
	0.32227	0.45	1.50821	0.62	0.34048	0.63	1.53202	0.70 110		0-17	0.02381
	0.32199	0.47	1.50784	0.63	0.84010	0.66	1 63161	0.08 (1.1		0.18	0.02377
	0.32171	0.47	1.50747	0.62	0.33878	0.53	1.53120	0.68 1 (ត្រីដែតិព	0.17	0.02372
	0.82144	0.45	1.50710	0.62	0.83945	0.55	1.53078	0.70 1 0	95694	0.18	0.02368
	0.32116	0.47	1.50678	0.62	0.33913	0.63	1.63037	ា មាន ខេត្ត		0.17	0.02364
	0.32089	0.45	1.50635	0.63	0.83881	0.53	1.52995	0.70 11		0.17	0.02360
	0.32061	0.47	1.50598	0.62	0.83848	0.55	1-62953	0.70 1 (#7660	0.18	0.02355
	0.32034	0.45	1.50561	0.62	0.33810	0.63	1.52912	0.68 1.0		0.17	0 02351
	0.32006	0.47	1.50523	0.03	0.33783	650	1.52870	0.70 14	05552	0.18	0.02347
	0.31979	0.45	1.50486	0.62	0.33751	0.63	1-52828	0.08 10	ពង្គម្	0.17	0.02343
	0.31951	0.47	1.50449	0.62	0.33718	0.55	1.52787	0.70 14		0.17	0.02338
	0.31923	0.47	1.50411	6.63	0.33686	0.03	1.52745	0.70 19		0.18	0.02334
	0.31896	0.45	1.50374	0.62	0.38654	0.53	1.52703	070 10		0.17	0.02330
	0.31868	0.47	1.50336	0.68	0.33621	0.55	1-52661	0.70 14	05501	0.17	0.02326
	0.81841	0.45	1.50298	0.68	0.33589	0.23	1.52620	0.68 14	15490	0.18	0.02324
	0.31813	0.47	T-56261	0.62	0.33557	83.0	1.62578	0.70 14		0.17	0.02317
	0.31786	0.45	1.50223	0.63	0.33524	66.0	1.52536	0.70 14		0.17	0.02313
1	0.31758	0.47	1.50185	0.63	0.83492	0.53	1.52494	070 14		0.18	0.02309
)	0.31730	0.47	T.50148	0.62	0.33460	0.53	1.52452	0.70 1.0		0.17	0.02304
J	0.31763	0.45	1.50110	0.63	0.33427	0.55	1.02410	0.70 10		0.17	0.02300
1	0.31675	0.47	1.50072	0.03	0.33332	0.03	1.52368	0.70;14		0.17	0.02298
	0.31648	0.45	T-50034	0.03	0.33363	0.43	1-52326	0.70 10		0.18	0.02292
	0.31620	0.47	1.49986	0.63	0.33330	0.55	1-52284	0.70 10		0.17	0.02287
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Proportional Parts of the 'Co.' Functions must be subtracted. Proportional Parts of the other Functions must be added.

CONOMETRICAL FUNCTIONS & THEIR LOGS. 19°

_							_					
10.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
557	0.45	$\overline{1} \cdot 51264$	0.62	0.34433	0.53	1.53697	0.68	1.05762	0.18	0.02433	0.07	60
584	0.47	T-51301	0.62	0.34465	0.55	1.53738	0.68	1.05773	0.17	0.02433	0.07	59
612	0.45	1.51338	0.60	0.34498	0.53	1.53779	0.68	1.05783	0.18	0.02442	0.07	58
639	0.47	1.51374	0.62	0.34530	0.55	1.53820	0.68	1.05794	0.18	0.02446	0.07	57
667	0.45	T·51411	0.60	0.34563	0.55	1.53861	0.68	1.05805	0.17	0.02450	0.08	56
694	0.47	1.51447	0.62	0.34596	0.53	1.53902	0.68	1.05815	0.18	0.02455		
722	0.45	1.51484	0.60	0.34628	0.55	1.53943	0.68	1.05826	$0.13 \\ 0.17$	0.02459	0.07 0.08	55 54
749	0.47	1.51520	0.62	0.34661	0.53	Ī-53984	0.68	1.05836	0.18	0.02464	0.07	53
777	0.45	1.51557	0.60	0.34693	0.55	Ī·54025	0.67	1.05847	0.18	0.02468	0.07	52
804	$() \cdot 47$	1.51593	0.60	0.34726	0.53	1.54065	0.68	1.05858	0.18	0.02472	0.08	51
832	0.45	1.51629	0.62	0.34758	0.55	Ī·54106	0.68					
859	0.17	1.51006	0.60	0.34791	0.55	1.54147	0.67	1.05869 1.05879	$0.17 \\ 0.18$	$0.02477 \\ 0.02481$	0.07	50
887	0.45	1.51702	0.60	0.34824	0.53	1.54187	0.68	1.05890	0.18	0.02481 0.02485	0.07 0.08	49 48
914	0.47	1.51738	0.60	0.34856	0.55	1.54228	0.68	1.05901	0.17	0.02490	0.07	47
9.12	0.45	1.51774	0.62	0.34889	0.55	1.54269	0.67	1.05911	0.18	0.02494	0.08	46
969	0.47	1.51811	0.60	0.34922	0.53	1.54309						
997	0.45	1.51847	0.60	0.34954	0.55	$\frac{1.54309}{1.54350}$	0.68	1.05922 1.05933	0.18	0.02499	0.07	45
024	0.45	1.51883	0.60	0.34987	0.55	1.54390	0.68	1.05933	0·18 0·18	0.02503 0.02508	$0.08 \\ 0.07$	44
051	0.47	1.51919	0.60	0.35020	0.53	1.54431	0.67	1.05955	0.17	0.02508 0.02512	0.07	43
079	0.45	1.51955	0.60	0.35052	0.55	1.54471	0.68	1.05965	0.18	0.02512 0.02516	0.08	41
106	0.47	T-51991	0.60	0.35085	0.55	1.54512		1				
134	0.47	1.52027	0.60	0.35118	0.53	1.54552	0.67	1.05976	0.18	0.02521	0.07	40
161	0.47	1.52063	0.60	0.35150	0.55	1.54598	0.68 0.67	1.05987 1.05998	$0.18 \\ 0.18$	0.02525	0.08	39
189	0.45	1.52099	0.00	0.35183	0.55	1.54633	0.67	1.06009	0.18	$0.02530 \\ 0.02534$	0·07 0·08	38
216	0.47	1.52135	0.60	0.35216	0.53	1.54673	0.68	1.06020	0.17	0.02539	0.08	37 36
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244	0.45	1.52171 1.52207	0.60	0.35248 0.35281	0.55	1.54714	0.67	1.06030	0.18	0.02543	0.07	35
$\frac{271}{298}$	0.47	1.52242	0.60	0.35314	0.55 0.53	1.54754 1.54794	0.67	1.06041 1.06052	0·18' 0·18	0.02547	0.08	34
326	0.45	1.52278	0.00	0.35346	0.55	1.54835	0.68	1.06063	0.18	0.02552 0.02556	0.07	33
353	0.47	1.52314	0.60	0.35379	0.55	1.54875	0.67	1.06074	0.18	0.02561	0·08 0·07	32 31
		T.52350		}								
381	0.45	1.52385	0.58	0.35412 0.35445	0.55	1.54915	0.67	1.06085	0.18	0.02565	0.08	30
408		1.52421	0.50	0.35445	0.58	1.54955	0.67	1.06096	0.18	0.02570	0.07	29
$\frac{136}{463}$	0.45	1.52456	0.68	0.35510	0.55 0.55	1.54995 1.55035	0.67	1.06107	0.18	0.02574	0.08	28
490	0.47	1.52492	0.58	0.35548	0.00	1.55075	0.67	$1.06118 \\ 1.06129$	0·18 0·18	$0.02579 \\ 0.02583$	$0.07 \\ 0.08$	27 26
								ì				
518	0.45	1.52527	0.60	0.35576	0.53	1.55115	0.67	1.06140	0.18	0.02588	0.07	25
5545	0.47	1.52563	0.60	0.35608	0.55 0.55	1.55155	0.67	1.06151	0.18	0.02592	0.08	24
600	(1.45 (1.46)	1.52598 1.52634	84.0	0.35641	0.55	1.55195 1.55235	0.67	1.06162 1.06173	0·18 0·18	$0.02597 \\ 0.02601$	0.07	$\begin{bmatrix} 23 \\ 22 \end{bmatrix}$
627	0.17	1.52669	0.60	0.35707	0.55	1.55275	0.67	1.06184	0.18	0.02606	0·08	21
6655	0.45	1.52705 1.52740	0.58	0.35740	0.53	1.55315 1.55355	0.67	1.06195	0.18	0.02610	0.08	20
$\frac{1682}{710}$	0·47 0·45	1.52775	0.58	0.35772 0.35805	0.22	1.55395	$0.67 \\ 0.65$	1.06206	$0.18 \\ 0.18$	0.02615	0.07	19
737	0.45	1.52811	0.58	0.35838	0.55	T.55434	0.67	1.06217 1.06228	0.18	$0.02619 \\ 0.02624$	0·08 0·07	18 17
764	0.47	1-52846	0.58	0.35871	0.55	1.55474	0.67	1.06239	0.18	0.02628	0.08	16
								ł				
$\frac{792}{819}$	0.45	1.52881 1.52910	0.58 0.58	0.35904	0.55 0.53	1.55514 1.55554	0.67	1.06250	$0.18 \\ 0.18$	0.02633	0.07	15 14
846	0.47	1.52910	0.58	0.3593 7 0.3596 9	0.55	1.55598	0.67	1.06261 1.06272	0.18	0.02637 0.02642	0.08	13
874	0.45	1.52986	0.58	0.36002	0.55	1.55638	0.67	1.06272	0.20	0.02647	0.08	12
901	0.47	1.53021	0.08	0.36035	0.55	1.55678	0.65	1.06295	0.18	0.02651	0.08	11
											. 1	
1929	0.45	1.53056			0.55	1.55712	0.67	1.06306	81.0	0.02656	0.07	10
956	0.45	1.58092 1.58126	0.58	0.36101 0.36134	0.55 0.55	1.55752 1.55791	$0.65 \\ 0.67$	$ 1.06317 \\ 1.06328$	0·18 0·18	$0.02660 \\ 0.02665$	0·08 0·07	8
011	0.45	1.53161	0.58	0.30167	0.53	1.55831	0.65	1.06339	0.18	0.02669	0.08	7
038	0.45	1.53196	0.58	0.36199	0.55	1.55870	0.67	1.06350	0.20	0.02674	0.07	6
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065	0.47	1.53231	0.58	0.86232	0.55 0.55	1.55910 1.55949	0.65	1.06362	0·18 0·18	0.02678 0.02683	0.08	5
$\frac{098}{120}$	0 · 4 5 0 · 4 5	1.53266 1.53301	0.58 0.58	0.36265	0.55	1.55989	0.65	1.06373 1.06384	0.18	0.02088	0.08	3
147	0.47	1.53336	0.57	0.36331	0.55	1.56028	0.65	1.06395	0.20	0.02692	0.08	2
175	0.45	1.53370	0.58	0.36364	0.55	1.56067	0.67	1.06407	0.18	0.02697	0.07	ĩ
	V 310		y 00		0.00				J .a. U		- 0,	
202		T-53405	* ***	0.36397		T.56107	***	1.06418		0.02701		0
) Si	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec	D.1".	

20			A O TATE				· //	T	1	1			
'	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D, 1".			Log Sec.		_
0 1 2 3 4	0·34202 0·34229 0·34257 0·34284 0·84311	0·45 0·45 0·45 0·45	$\begin{array}{c} \hline{1.53405} \\ \hline{1.53440} \\ \hline{1.53475} \\ \hline{1.53509} \\ \hline{1.53544} \end{array}$	0.58 0.58 0.57 0.58 0.57	0.36397 0.36430 0.36463 0.36496 0.86529	0.55 0.55 0.55 0.55 0.55	T.56107 T.56146 T.56185 T.56224 T.56264		1.06429 1.06440 1.06452		0.02701 0.02700 0.02711 0.02715 0.02720	0.08 0.07 0.08	
5 6 7 8 9	0.34339 0.34366 0.34393 0.34421 0.34448	0·45 0·45 0·47 0·45 0·45	I-53578 I-53613 I-53647 I-53682 I-53716	0.58 0.57 0.58 0.57 0.58	0.86562 0.36595 0.36628 0.86661 0.86694	0.55 0.55 0.55 0.55 0.55	1.56303 1.56342 1.56381 1.56420 1.56459	0.65 0.65 0.65 0.65 0.65	1.06486 1.06497 1.06508	0.20 0.18 0.18 0.20 0.18	0.02724 0.02729 0.02734 0.02738 0.02743	0.08 0.07 0.08	55 54 53 52 51
10 11 12 13 14	0.34475 0.34503 0.34530 0.34557 0.34584	0·47 0·45 0·45 0·45 0·47	T·58751 T·53785 T·53819 T·53854 T·53888	0.57 0.57 0.58 0.57 0.57	0.86727 0.36760 0.36793 0.36826 0.36859	0.55 0.55 0.55 0.55	1.56498 1.56537 1.56576 1.56615 1.56654	0.65 0.65 0.65 0.65 0.65	1+00531 1+06542 1+06554 1+06565 1+06577	0·18 0·20 0·18 0·20 0·18	0.02748 0.02752 0.02757 0.02762 0.02766	80·0	50 49 48 47 46
15 16 17 18 19	0.34612 0.34639 0.34666 0.34694 0.34721	0·45 0·45 0·47 0·45 0·45	I·53922 I·53957 I·53991 I·54025 I·54059	0.58 0.57 0.57 0.57 0.57	$\begin{array}{c} 0.36892 \\ 0.36925 \\ 0.36958 \\ 0.36991 \\ 0.37024 \end{array}$	0.55 0.55 0.55 0.55	1.56693 1.56732 1.56771 1.56810 1.56849	0.65 0.65 0.65 0.65 0.63	1.06588 1.06600 1.06611 1.06622 1.06634	0:20 0:18 0:18 0:20 0:18	0.02771 0.02776 0.02780 0.02785 0.02790	0.08 0.07 0.08 0.08 0.07	45 44 48 42 41
20 21 22 23 24	0.84748 0.84775 0.84803 0.84830 0.34857	0.45 0.47 0.45 0.45 0.45	1.54093 1.54127 1.54161 1.54195 1.54220	0.57 0.57 0.57 0.57 0.57	0·37057 0·37090 0·37123 0·37157 0·37190	0.55 0.55 0.57 0.55 0.55	1.56887 1.56926 1.56965 1.57004 1.57042	80-0 60-0 80-0 80-0 80-0		0·20 0·18 0·20 0·18 0·20	0.02794 0.02799 0.02804 0.02808 0.02818	0·07 0·08	40 39 38 37 36
25 26 27 28 29	0.34884 0.34912 0.34939 0.34966 0.34993	0·47 0·45 0·45 0·45 0·47	1.54268 1.54297 1.54331 1.54365 1.54309	0·57 0·57 0·57 0·57 0·57	0.37223 0.37256 0.37289 0.37322 0.37355	0.55 0.55 0.55 0.55	1.57081 1.57120 1.57158 1.57197 1.57235	0.68 0.65	1-06703 1-06715 1-06726 1-06738 1-06749	0·20 0·18 0·20 0·18 0·20	0-02818 0-02822 0-02827 0-02832 0-02837	80·0 80·0	35 34 33 32 31
30 81 32 33 84	0.85021 0.35048 0.85075 0.85102 0.35130	0·45 0·45 0·45 0·47 0·45	T·54433 1·54466 1·54500 T·54534 1·54567	0.55 0.57 0.57 0.55 0.55	0-37388 0-37422 0-37455 0-37488 0-37521	0.57 0.55 0.55 0.55 0.55	1.57274 1.57312 1.57351 1.57389 1.57428	0.63 0.65 0.63 0.65 0.65	1 -06773	0-20 0-18 0-20 0-18 0-20	0+02846 0+02846 0+02851 0+02855 0+02860	0.08 0.08 0.07 0.08 0.08	30 29 28 27 26
35 36 37 38 89	0.35157 0.35184 0.35211 0.35239 0.35266	0·45 0·45 0·47 0·45 0·45	T·54601 1·54635 1·54668 1·54702 1·54735	0.57 0.55 0.57 0.55 0.55	0·37554 0·37588 0·37621 0·37654 0·37687	0.55 0.55 0.55 0.55 0.55	1.57466 1.57504 1.57548 1.57581 1.57619	0.63 0.65 0.63 0.63 0.65	1.00831	0-20 0-18 0-20 0-20 0-20	0.02865 0.02870 0.02874 0.02879 0.02884	0.08 0.07 0.08 0.08 0.08	25 24 28 22 21
40 41 42 43 44	0.85293 0.85320 0.35347 0.85875 0.35402	0.45 0.45 0.47 0.45 0.45	1.54769 1.54802 1.54836 1.54869 1.54903	0.55 0.57 0.55 0.57 0.55	0.37720 0.37754 0.37787 0.37820 0.37853	0.57 0.55 0.55 0.55 0.55	(+57658 1-57696 1-57784 (+57772 1-57810	0.63 0.63 0.63 0.63 0.65		0-18 0-20 0-20 0-20 0-18	0-02889 0-02898 0-02898 0-02908 0-02908	70-0 80-0 0-08 0-08 0-08	20 19 18 17
45 40 47 48 40	0-85429 0-85456 0-85484 0-85511 0-85588	0.45	1.54036 1.54969 1.55003 1.55036 1.55069	0.55	0.87887 0.87920 0.87958 0.87986 0.88020	0-85 0-85 0-85 0-85 0-85	1.57849 1.57887 1.57925 1.57963 1.58001	0.63 0.63 0.63 0.63 0.63	1.06960 1.06972	0+20 0+20	0-02913 0-02917 0-02922 0-02927 0-02982	0.07 0.08 0.08 0.08 0.08	18
50 51 52 58 54	0.85565 0.85592 0.85619 0.85647	0.45	T-55102 T-55136 T-55169 T-55202 T-55235	0.57 0.55	0-88058 0-88086 0-88120 0-88158 0-88186	0.55 0.57	1.58039 1.58077 1.58115 1.58153 1.58191	0-63 0-63 0-63 0-63	1-06995 1-07007 1-07019 1-07031 1-07043	0 20 0 20 0 20 0 20	0.02937 0.02941 0.02946 0.02951 0.02956	0.07 0.08 0.08 0.08 0.08	10 9 8 7 6
55 56 57 58 59		0·45 0·45 0·47	1.55268 1.55301 1.55884 1.55867 1.55400	0.55 0.55 0.55 0.55 0.55	0.88220 0.88258 0.88286 0.88320 0.88353	0.55 0.55 0.57 0.55 0.55	1-58229 1-58267 1-58304 1-58342 1-58380	0.63 0.63 0.63	1.07055 1.07067 1.07070 1.07091 1.07103	0-20 0-20 0-20 0-20 0-18	0-02961 0-02965 0-02970 0-02975 0-02980	0.07 0.08 0.08 0.08 0.08	5 -1 -3 -2 -1
60	1	entrophic property	T-55438	and the second particular second	0.38386	× 100	1.58418		1.07114		0.02085		0
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Classer,	D. 1".	Log Cosco	, D. P.	,

							-11OI	10	X 111	CIL	LUG	· · ·	Z 1
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D, 1".	
0	0.35837	0.45	I.55433	0.55	0.38386	0.57	T·58418	0.62	1.07114	0.20	0.02985	0.08	60
1	0.35864	0.45	1.55466	0.00	0.38420	0.55	1.58455	0.63	1.07126	0.20	0.02990	0.08	59
2	0.35891 0.35918	0·45 0·45	1.55499 1.55532	0.55 0.53	0.38453	0.57	1.58493	0.63	1.07138	0.20	0.02995	0.07	58
3 4	0.35945	0.47	1.55564	0.55	0.38487 0.38520	0.55 0.55	1.58531	0.63	1.07150	0.20	0.02999	0.08	57
	-	0.45	I.55597				1.58569	0.62	1.07162	0.20	0.03004	0.08	56
5	0.35973	0.45	1.55630	0.55 0.55	0·38553 0·38587	0·57 0·55	1.58606 1.58644	0.63	1.07174	0.20	0.03009	0.08	55
6 7	0.36027	0.45	1.55663	0.53	0.38620	0.57	1.58681	0.62 0.63	1.07186 1.07199	0.22	0.03014	0.08	54
8	0.36054	0.45	1.55695	0.55	0.38654	0.55	T.58719	0.63	1.07211	$0.20 \\ 0.20$	$0.03019 \\ 0.03024$	0·08 0·08	53 52
9	0.36081	0.45	1.55728	0.55	0.38687	0.57	1.58757	0.62	1.07223	0.20	0.03024	0.08	51
10	0.36108	0.45	T.55761	0.53	0.38721	0.55	T·58794	0.63	1.07235	0.20	0.03034	0.07	50
11	0.36135	0.45	1.55793	0.22	0.38754	0.55	$\overline{1}$ -58832	0.62	1.07247	0.20	0.03038	0.08	49
12	0.36162	0.47	1.55826	0.53	0.38787	0.57	1.58869	0.63	1.07259	0.20	0.03043	0.08	48
13	0.36190	0.45	1.55858 1.55891	0.55	0.38821	0.55	1.58907	0.62	1.07271	0.20	0.03048	0.08	47
14	0.36217	0.45		0.53	0.38854	0.57	1.58944	0.62	1.07283	0.20	0.03053	0.08	46
15	0.36244	0.45	1.55923	0.55	0.38888	0.55	T.58981	0.63	1.07295	0.20	0.03058	0.08	45
$\frac{16}{17}$	0.36271 0.36298	$0.45 \\ 0.45$	1.55956 1.55988	0.53 0.55	0.38921 0.38955	0.57 0.55	1.59019 1.59056	0.62 0.63		0.22	0.03063	0.08	44
18	0.36325	0.45	1.56021	0.53	0.38988	0.57	1.59094	0.62	1.07320 1.07332	$0.20 \\ 0.20$	0.03068 0.03073	0·08 0·08	43 42
19	0.36352	0.45	1.56053	0.53	0.39022	0.55	Ī·59131	0.62		0.20	0.03078	0.08	41
20	0.36379	0.45	T-56085	0.55	0.39055	0.57	1.59168	0.62	1.07856	0.20	0.03083	0.08	40
21	0.36406	0.47	1.56118	0.53	0.39089	0.55	1.59205	0.63		0.20	0.03088	0.08	39
22	0.36434	0.45	1.56150	0.53	0.39122	0.57	1.59243	0.62	1.07380	0.22	0.03093	0.07	38
23	0.36461	0.15	1.56182	0.55	0.39156	0.57	1.59280	0.62	1.07393	0.20	0.03097	0.08	37
24	0.36488	0.45	1.56215	0.53	0.39190	0.55	1.59317	0.62	1.07405	0.20	0.03102	0.08	36
25	0.36515	0.45	T-56247	0.53	0.39228	0.57	1.59354	0.62	1.07417	0.20	0.03107	0.08	35
26	0.36542	0·45	$\frac{1.56279}{1.56311}$	0·53 0·53	0.39257	0.55	1.59391	0.63		0.22	0.03112	0.08	34
$\begin{vmatrix} 27 \\ 28 \end{vmatrix}$	0.36596	0.45	1.56348	0.53	0.39290 0.39324	0.57 0.55	1.59429 1.59466	$0.62 \\ 0.62$	1.07442	$0.20 \\ 0.20$	0.03117	0.08	33 32
29	0.36623	0.45	1.56875	0.55	0.39357	0.57	1.59503	0.62	1.07466	$0.20 \\ 0.22$	$0.03122 \\ 0.03127$	0·08 0·08	31
30	0.36650	0.45	T-56408	0.53	0.39391	0.57	1.59540	0.62	1.07479	0.20	0.03132	0.08	30
31	0.36677	0.46	1.56440	0.53	0.39425	0.55	1.59577	0.62	1.07191	0.20	0.03137	0.08	29
32	0.36704	0.45	1.56472	0.53	0.39458	0.57	1.59614	0.62		0.22	0.03142	0.08	28
33	0.36731	0.45	1.56504	0.53	0.39492	0.57	1.59651	0.62	1.07516	0.20	0.03147	0.08	27
34	0.36758	0.45	1.56536	0.53	0.39526	0.55	1.59688	0.62	1.07528	0.20	0.03152	80.0	26
35	0.36785	0.45	1.50568	0.52	0.39559	0.57	1.59725	0.62		0.22	0.03157	0.08	25
36	0.36812 0.36839	0·45 0·47	1.56681 1.56681	0.53 0.53	0.39593	0.55 0.57	1.59762 1.59799	0.62 0.60		0.20	0.03162	0.08	24 23
37 38	0.36867	0.45	1.56663	0.53	0.39660	0.57	1.59835	0.62	1.07565	$0.22 \\ 0.20$	$0.03167 \\ 0.03172$	0.08 0.08	22
39	0.36894	0.45	1.50695	0.53	0.39694	0.55	1.59872	0.62	1.07590	0.20	0.03177	0.08	21
40	0.36921	0.45	1.56727	0.53	0.39727	0.57	1.59909	0.62	1.07602	0.22	0.03182	0.08	20
41	0.36948	0.45	1.56759	0.62	0.39761	0.57	1.59946	0.62	1.07615	0.20	0.03187	0.08	19
42	0.80975	0.45	1.56790	0.53	0.39795	0.57	1.59988	0.00	1.07627	0.22	0.03192	0.08	1.8
43	0.37002	0.45	1.56822	0.53	0.39829	0.55	1.00019	0.62	1.07640	0.20	0.03197	0.08	17
44	0.37029	0.45	1.56854	0.53	0.39862	0.57	1.00056	0.62	1.07652	0.22	0.03202	0.08	16
45	0.87056	0.45	1.56886	0.52	0.39896	0.57	T-60098	0.62	1.07665	0.20	0.03207	0.08	15
46	0.37083 0.37110	0.45 0.45	1.56917 1.56949	0.53 0.52	0.39930	0.55 0.57	T.60130 T.60166	0.60 0.62	1.07677 1.07690	0·22 0·20	$0.03212 \\ 0.03217$	0.08 0.08	14 13
48	0.37137	0.45	1.56980		0.39997	0.57	1.60203	0.62		0.20	0.03217	0.10	12
49			1.57012		0.40031		1.60240		1.07715		0.03228	0.08	
50	0.37191	0.45	1.57044	0.52	0.40065	0.55	1.60276	0.62	1.07727	0.22	0.03233	0.08	10
51	0.37218	0.45	1.57075	0.58	0.40098	0.57	1.60313	0.60	1.07740	0.20	0.03238	0.08	9
52	0.87245	0.45	1.57107	0.52	0.40182	0.57	1.60349	0.62		0.22	0.03243	0.08	8
53	0.37272	0.45	1.57138		0.40166	0.57	1.60386	0.60	1.07765	0.22	0.03248	0.08 0.08	6
54	0.87299	0.45	1.57169	0.53	0.40200	0.57	1.60422	0.62	1.07778	0.20	0.03253		1
55	0.37326	0.45	I.57201 I.57232	0.52 0.53	0.40234	0.55 0.57	1.60459 1.60495	0.60 0.62	1.07790 1.07803	$0.22 \\ 0.20$	0.03258 0.03263	0.08 0.08	5 4
56 57	0.37353 0.37880	0.45	1.57264	0.53	0.40267	0.57	1.60532	0.60	1.07803	0.20	0.03268	0.08	3
58	0.87407	0.45	1.57295	0.52	0.40835	0.57	1.60568	0.62	1.07828	0.22	0.03278	0.08	
59	0.37434	0.45	1.57326	0.53	0.40369	0.57	1.60605	0.60	1.07841	0.20	0.03278	0.08	1
60	0.87461		T-57358		0.40408		T-60641		1.07853		0.03283		0
40LENTON-	Cos.	D. 1"	Log Cos.	D. 7"	Cot.	D. 1"	Log Cot.	D. 1".		D.1".	Log Coseo	D. 1".	
	VV8.	4.4.	TANK CANIF	*** * *			Powerties						609

	1 1 4 4 1				_							2003
'	Sine.	D, 1".	Log Sin.	D. 1".	Tan.	D, 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".
0	0.37461	0.45	1.57358	0.52	0.40403	0.55	1.60641	0.60	1.07853	0.22	0.03283	0.10 60
1	0.37488	0.45	1.57389	0.52	0.40436	0.57	1.60677	0.62	1.07866	0.22	0.03289	0.08 59
2	0.37515	0.45	1.57420	0.52	0.40470	0.57	1.60714	0.60	1.07879	0.22	0.03294	0.08 58
3	0.37542	0.45	Ī·57451	0.52	0.40504	0.57	£.60750	0.60	1.07892	0.20	0.03299	0.08 57
4	0.37569	0.43	1.57482	0.53	0.40538	0.57	1.60786	0.03	1.07904	0.22	0.03304	0.08 50
5	0.37595	0.45	T·57514	0.52	0.40572	0.57	1.60823	0.00	1.07917	0.22	0.03309	0.08 55
Ğ	0.37622	0.45	1.57545	0.52	0.40006	0.57	1.60859	0.60	1.07930	0.22	0.03314	0.08 54
7	0.37649	0.45	1.57576	0.52	0.40640	0.57	1.60895	0.60	1.07943	0.20	0.03319	0.08 53
s	0.37676	0.45	1.57607	0.52	0.40674	0.55	1.60931	0.60	1.07955	0.22	0.03324	0.10 52
9	0.37703	0.45	1.57638	0.53	0.40707	0.57	1.60967	0.62	1.07968	0.22	0.03330	0.08 51
10	0.37730	0.45	£57669	0.52	0.40741	0.57	1.61004	0.60	1.07981	0.22	0.03335	0.08 50
îi	0.37757	0.45	1.57700	0.52	0.40775	0.57	1.61040	0.60	1.07994	0.20	0.03340	0.08 49
12		0.45	1.57731	0.52	0.40809	0.67	1.61076	0.60	1.08006	0.22	0.03345	0.08 48
13	0.37811	0.45	1.57762	0.52	0.40843	0.57	1.61112	0.60	1.08019	0.22	0.03350	0.08 47
14	0.37838	0.45	1.57793	0.52	0.40877	0.67	1.61148	0.60	1.08032	0.22	0.03355	0.08 40
15		-	T.57824	0.52	0.40911	0.57	1.61184	0.60	1.08045	0.22	0.03360	
16	0.87865 0.87892	0.45	1.57855	0.50	0.40945	0.57	1.61220	0.60	1.08058	0.22	0.03366	0.10 48
17	0.37832		1.57885	0.52	0.10079	0.57	1.61256	0.60	1.08071	0.22	0.03371	$0.08 44 \\ 0.08 48$
18			1.57916	0.52	0.41013	0.57	1.61292	0.60	1.08084	0.22	0.03376	0.08 42
19			1.57047	0.52	0.41047	0.57	1.61328	0.60	1.08097	0.20	0.03381	0.08 41
3					1			0.60	1.08100			\ \ \ \ \ \
20 21	0.37999 0.38026		T.57978 T.58008	$0.50 \\ 0.52$	0.41081	0.57 0.57	1.61364 1.61400	0.60	1.08122	0.22	-0:03386 -0:03392	0.10 40
22	0.88020		1.58039	0.52	0.41115	0.57	1.61436		1.08135	0.22	0.03397	0.08 80
23	0.38080	0.45	1.58070	0.52	0.41183	0.57	1.61472	0.60	1-08148	0.22	0.03402	0.08 38
24	0.38107	0.45	T.58101	0.50	0.41217	0.57	1.61508	0.00	1.08161	0.22	0.03407	0.08 37 0.08 30
												1
25	0.38134	0.45	1.58131	0.52	0.41251	0.57	1.61544	0.58	1.08174	0.22	0.03412	0.10 3
26	0.38161	0.45	1.58162	0.50	0.41285	0.67	1.61579	0.60	1-08187 1-08200	()-122	0.03418	0.08 8
27 28	0.38188	0.45	1.58192	0.52	0.41319	0.57	1.61615	0.60		0.22	0.03423	0.08 38
20	0.38215	0.43	1.58223	0.50	0.41353	0.57	1.01651	0:60 0:58	1-08213 1-08226	0.22	0.03428	0.08 3
	0.38241	0.45	1.28522	0.52	0.41387	0.57	1.01087		1	0.22	0.03133	0.08 31
30	0.38268	0.45	1.58284	0.50	0.41421	0.57	1-61722	0.60	1.08239	0.22	0.03438	0.10 30
81	0.38295	0.45	1.58314	0.52	1	84.0	1.01758	0.60	1-08252	0.22	0.03444	0.08 29
32		0.45	1.58345	0.60	0.41490	0.57	1.01794	0.60	1-08265	0.22	0.03449	0.08 28
33		0.45	1.58375	0.52	0 41524	0.57	1.61830	0.58	1-08278	0.22	0.03454	0.08 27
34	0.38376	0.45	1.58406	0.50	0.41558	0.57	1.61865	0.60	1 08291	0.23	0.08459	0.10 26
35		0.45	1.68436	0.52	0.41502	0.57	1.61901		1-08305	0.22	0.03466	0.08 20
36	0.38430		1.58467	0.50	041626	0.57	1.61936		1.08318	0.33	0.03470	0.08 2
87	0.38456	0.45	1.58.197	0.50	0.41660	0.57	1 61972		1 08334	មន្ត្រ	0.03475	0.08 23
38	0.88483	0.45	1.58527	0.50	0.41604	0.57	1.62008		1-08344	0 22	0.03480	0.10 29
30	0.38510	0.45	1.58557	0.52	0.41728	84.0	1 62043	0.60	1-08357	0.22	0.03486	0.08 2
40	0.38587	0.45	1.58588	0.60	0.41768	0.67	1 62070	(I-58	1.08370	0.22	0.03491	0.08 20
41	0.38564	0.45	1.58618	0.50	0.41797	0.57	1 02114		1 08383	0.23	0.03496	0.10 19
42		0.43	1.58648	0.60	0-41831	0.57	1-62150		1-08397	0.55	0.03502	0.08 11
43	0.88617	0.45	1.58078	0.52	0.41865	0.57	1.62185		1 08110	បក្ខព័	0.03507	0.08 1
44	0.38644	0.45	1.58709	0.50	0.41899	0∙57	1 62221		1 08423	()-2323	0 ((3512	0.08 1
45	0.38671	0.45	1.58739	0.50	0.41933	0.58	1 62256	0.00	1408436	0.22	0.08517	0.10 11
40	0.88608	0.45	1.58769	0.50	0.41068	0.57	1-02299	0.58	1 08440	0.23	0 03523	0.08 1
47	0.38725	0.45	1.58799	0.80		0.57	1 62327		1-08468	0 22	0.63528	0.08 1
48			1.58829		0.42086	0.57	1.62362	0.60	1 08470	0.25	0 03533	0.10 1:
40	0.38778	0.45	1.58859	0.20	0.42070	0.58	1-62398	0.58	1 08489	0.23	0 03539	0.08]1
50	0.38805	0.45	1.58889	0.50	0.42105	0.57	1.62133	0.58	1.08503	0.22	0.03544	0.08 1
51		0.45	1.58919	030	0.42139	0.57	1.62468		1 08516	0.22	0.03549	0.10
52	P	0.45	1.58949	0.50	0.42178	0.57	1.62504		1 08529	0.22	០ បង្កង់ងំងំ	0.08
53		0.43	1.58979	0.50	0.42207	0.88	1.62539		1.08542	0.23	0.03560	0.08
54	0.38912	0.45	1.59009	0.50	0.42242	0.57	1 - 62574	84.0	1.08556	0.23	0 03565	0.10
55	0.88930	0.45	1.59030	0.50	0.42276	0.57	1 62609		1-08869	0.22	0.03571	0 08
56	0.88966	0.45	1.59069	0.48	0.42810	0.58	1.62645		1 08582	0.23	0.03576	0.08
57	0.38993	0.45	1.59098	0.50	0.42345	0.57	1-62680		1.08500	0.22	0.03581	0.10
58		0.43	1.59128	0.50	0.42879	0.57	1 62715		1.08609	0.23	0.03587	0.08
59	0.39046	0.45	1.59158	0.50	0.42418	0.57	1.62750		1.08623	0.22	0.03592	0.08
60	0.39073		T.59188		0.42447		1 62785		1-08636		0-03597	
*Adams	Patri- or Economicality Light	T) 1//	NE GUNDALIMENT OF THE CO.	mgg , 40°,1								
	Cos.	D. I".	Log Cos.	D. 1".	Cut.	D. 1".	Log Cot.	1), 1",	Coses	1), 1".	Ing Cuart	. 1). 1".

11	CIUO.	1101	۷۱ ا نـــــــــــــــــــــــــــــــــــ	(10)		OTAL	71101	NO !	$\propto 1 \text{ H}$	Lir	CLUC	r.S.	23°
1	Sine.	D. 1".	Log Sin.	1), 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.39073	0.45	I-59188	0.50	0.42447	0.58	$\overline{1}$ ·62785	0.58	1.08636	0.22	0.03597	0.10	60
1	0.39100	0.45	$\frac{1.59218}{1.59247}$	0.48	0.42482	0.57	1.62820	0.58	1.08649	0.23	0.03603	0.08	59
3	$0.39127 \\ 0.39153$	0·43 0·45	1.59277	0.50	$0.42516 \\ 0.42551$	0.58 0.57	$\frac{1.62855}{1.62890}$	0.58	1.08663	0.22	0.03608	0.08	58
4	0.39180	0.15	1.59307	0.48	0.42585	0.57	$\frac{1.02890}{1.62926}$	0.60 0.58	1.08676 1.08690	$\substack{0\cdot23\\0\cdot22}$	0.03613 0.03619	0.10	57
5	0.39207	0.45	1.59336	0.50	0.42619	0.58	1.62961	0.58	1.08703			0.08	56
6	0.39234	0.43	1.59366	0.50	0.42654	0.57	$\frac{1}{1}$.62996	0.58	1.08717	$\substack{0\cdot23\\0\cdot22}$	0.03624 0.03630	0·10 0·08	55 54
7	0.39260	0.45	1.59396	0.48	0.42688	0.57	1.63031	0.58		0.23	0.03635	0.08	53
8	0.39287	0.45	1.59425	0.50	0.42722	0.58	1.63066	0.58	1.08744	0.22	0.03640	0.10	52
9	0.39314	0.45	1.59455	0.48	0.42757	0.57	T·63101	0.57		0.53	0.03646	0.08	51
10	0.39341	0·43 0·45	1.59484 1.59514	0.50 0.48	$0.42791 \\ 0.42826$	0.58	1.63135	0.58	1.08771	0.22	0.03651	0.10	50
11 12	0.39394	0.45	1.59543	0.50	0.42820	0·57 0·57	$\frac{1.63170}{1.63205}$	0.58 0.58	1.08784 1.08798	0.23	0.03657	0.08	49
13	0.39421	0.45	1.59573	0.48	0.42894	0.58	1.63240	0.58	1.08738	$0.22 \\ 0.23$	0.03662 0.03667	0·08 0·10	48 47
1.4	0.39448	0.43	1.59602	0.50	0.42929	0.57	1.63275	0.58	1.08825	0.23	0.03673	0.08	46
15	0.39474	0.45	1.59632	0.48	0.42963	0.58	T-63310	0.58	1.08839	0.22	0.03678	0.10	45
16	0.39501	0.45	1:59661	0.48	0.42998	0.57	1.63345	0.57	1.08852	0.23	0.03684	0.08	44
17	0.39528	0.45	1.59690	0.50	0.43032	0.58	1.63379	0.58		0.23	0.03689	0.10	43
18	0.39555	0.43 0.45	1.59720 1.59749	0.48	0.43067	0.57	1.63414	0.28	1.08880	0.22	0.03695	0.08	42
19	0.39581			0.48	0.43101	0.58	1.63449	0.58	1.08893	0.23	0.03700	0.10	41
20 21	0.39635	0.45	1.59778 1.59808	0.50 0.48	0.43136 0.43170	0·57 0·58	1.63484 1.63519	0.58 0.57	1.08907 1.08920	0.22	0.03706	0.08	40
22	0.39661	0.45	1.59837	0.48	0.43205	0.57	1.63553	0.58		$0.23 \\ 0.23$	$0.03711 \\ 0.03716$	0·08 0·10	39 38
23	0.39688	0.45	1.59866	0.48	0.43230	0.68	T.63588	0.58	1.08948	0.23	0.03722	0.08	37
24	0.39715	0.43	1.59895	0.48	0.43274	0.57	1.63623	0.57		0.22	0.03727	0.10	36
25	0.39741	0.45	1.59924	0.50	0.43308	0.58	1.63657	0.58	1.08975	0.23	0.03733	0.08	35
26	0.39768	0.45	1.59954	0.48	0.48343	0.28	1.63692	0.57	1.08989	0.23	0.03738	0.10	34
27	0.39795	0.45	1.59983	0.48	0.43378	0.57	1.63726	0.58	1.09003	0.23	0.03744	0.08	33
28 29	0.39848	0·43 0·45	1.60012 1.60041	0.48	0.43412	0·58 0·57	T-63761 T-63796	0.58 0.57	1.09017 1.09030	$0.22 \\ 0.23$	$0.03749 \\ 0.03755$	0·10 0·08	32
30	0.39875	0.45	1.60070	0.48	0.43481	0.58	T-63830	0.58	1.09044				31
31	0.39902	0.43	1.60000	0.48	0.43516	0.57	1.63865	0.58		$\begin{array}{c} 0.23 \\ 0.23 \end{array}$	0.03760 0.03766	0·10 0·08	30 29
32	0.39928	0.45	1.60128	0.48	0.43550	0.58	1.63899	0.58		0.23	0.03771	0.10	28
33	0.39955	0.45	1.60157	0.48	0.43585	0.58	1.63934	0.57	1.09086	0.22	0.03777	0.08	27
3.1	0.39982	0.43	1.60186	0.48	0.43620	0.57	1.63968	0.08	1.09099	0.53	0.03782	0.10	26
35	0.40008	0.45	1 60215	0.48	0.43654	0.58	T-64003	0.57		0.23	0.03788	0.08	25
36 87	0.40035	0.45	1.60244 1.60273	0·48 0·48	0.43689	0.58 0.57	1.64037 1.64072	0.58 0.57	$1.09127 \\ 1.09141$	$0.23 \\ 0.23$	0.03793	0.10	24
38	0.40088	0.45	1.60302	0.48	0.43758	0.58	1.64106	0.57	1.09155	0.23	0·03799 0·03804	0.08 0.10	23 22
89	0.40115	0.43	1.00331	0.47	0.43793	0.28	1.64140	0.28	1.09169	0.23	0.03810	0.08	21
40	0.40141	0.45	1.60359	0.48	0.43828	0.57	1.64175	0.57	1.09183	0.23	0.03815	0.10	20
41	0.40168	0.45	1.60388	0.48	0.43862	0.28	1.64209	0.57	1.09197	0.23	0.03821	0.08	19
43	0.40195	0.43	1.00417	0.48	0.43897	0.58	1.64243	0.58	1.00211	0.22	0.03826	0.10	18
43	0.40221	0.45	1.60446	0.47	0.43932	0·57 0·58	T·64278 T·64312	0.57	1.09224 1.09238	$\begin{array}{c} 0.23 \\ 0.23 \end{array}$	0·03832 0·03838	0.10	17
44	0.40248	0.45	1.60474	0.48				0.57				0.08	16
45 46	0.40275	0.48 0.48	1.60503 1.60532	0.48 0.48	0.44001	0.28	T·64346 T·64381	0.58 0.57	1.09252 1.09266	$0.28 \\ 0.23$	0·03843 0·03849	0.10	15 14
47	0.40328	0.45	1.60561	0.47	0.44071	0.57	T-64415	0.57	1.09280	0.23	0.03854	0.10	13
48	0.40355	0.43	1.60589	0.48	0.44105	0.58	1.64449	0.57	1.09294	0.23	0.03860	0.08	12
49	0.40381	0.45	1.60618	0.47	0.44140	0.58	1.64483	0.57	1.09308	0.25	0.03865	0.10	11
50	0.40408	0.43	1.00040	0.48	0.44175	0.28	1.64517	0.28	1.09323	0.23	0.03871	0.10	10
51	0.40434	0.45	1.60678	0.48	0.44210	0.57	T.04552	0.57	1.09337	0.23	0.03877	0.08	9
52 53	0.40461	0·45 0·43	1.60704	0.47	0.44244	0.58 0.58	Î 64586 Î 64620	0·57 0·57	1.09351 1.09365	$0.23 \\ 0.23$	0·03882 0·03888	0·10 0·08	8
54	0.40488	0.45	1.60732	0.47	0.44314	0.08	1.64654	0.57	1.00379	0.23	0.03893	0.10	6
55	0.40541	0.43	1.60789	0.48	0.44349	0.58	T·64688	0.57	1.09393	0.23	0.03899	0.10	5
50	0.40567	0.45	1.60818	0.17	0.44384	0.57	1.64722	0.57	1.09407	0.23	0.03905	0.08	4
57	0.40594	0.45	1.60846	0.48	0.44418	0.88	T.64756	0.57	1.09421	0.23	0.03910	0.10	3
58	0.40621	0.48	1.60875	0.47	0.44453	0.58	1.64790	0.57	1.09485	0.23	0.03916	80.0	2
59	0.40647	0.48	1.60903	0.47	0.44488	0.58	I.64824	0.57	1.09449	0.25	0.03921	0.10	1
00	0.40674	r 18 571941	1.60931	-cities-veryes-ve-ve-ve-ve	0.44528	ويوموند المحاولة والمارية المراجعة	1.64858				0.08927		0
	Cox,	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec.	D. 1".	1
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Z 4	1 1/1	UUI	AOTATI				DIACI		10 C		1.11/	LUG	S.
1	Sine.	D. 1".	Log Sin.	D. 1".	Tun.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	_
0 1 2 3	0.40674 0.40700 0.40727 0.40753		1.60931 1.60960 1.60988 1.61016	0·48 0·47 0·47 0·48	0·44523 0·44558 0·44593 0·44627	0·58 0·58 0·57 0·58	$\begin{array}{c} 1.64858 \\ 1.64892 \\ 1.64926 \\ 1.64960 \end{array}$	0.57 0.57 0.57 0.57	1.09464 1.09478 1.09492 1.09506	0·23 0·23 0·23 0·23	0.03927 0.03933 0.03938 0.03944	0·08 0·10	60 59 58 57
5 6 7	0.40780 0.40806 0.40833 0.40860	0·43 0·45 0·45 0·43	1.61045 1.61073 1.61101 1.61129	0·47 0·47 0·47 0·48	0.44662 0.44697 0.44732 0.44767 0.44802	0.58 0.58 0.58 0.58 0.58	1-64994 1-65028 1-65062 1-65096 1-65130	0.57 0.57 0.57 0.57	1.09520 1.09535 1.09549 1.09563 1.09577	0·25 0·23 0·23 0·23 0·25	0.03950 0.03955 0.03961 0.03966 0.03972	0·08 0·10 0·08 0·10	56 55 54 53
8 9 10 11 12	0.40886 0.40918 0.40939 0.40966 0.40992	0·45 0·43 0·45 0·43 0·45	1.61158 1.61186 1.61214 1.61242 1.61270	0·47 0·47 0·47 0·47 0·47	0.44837 0.44872 0.44907 0.44942	0.58 0.58 0.58	1-65164 1-65197 1-65231 1-65265	0.55 0.57 0.57 0.57	1-09592 1-09606 1-09620 1-09635	0.23 0.23 0.25 0.23	0.03978 0.03983 0.03989 0.03985	0·08 0·10 0·10	52 51 50 49 48
13 14 15 16 17	0.41019 0.41045 0.41072 0.41098 0.41125	0·43 0·45 0·43 0·45 0·43	1.61298 1.61326 1.61354 1.61382 1.61411	0·47 0·47 0·47 0·48 0·48	0.44977 0.45012 0.45047 0.45082 0.45117	84.0 84.0 84.0 84.0 84.0	1-65299 1-65333 1-65366 1-65400 1-65434	0.57 0.55 0.57 0.57 0.55	1-09649 1-09663 1-09678 1-09692 1-09707	0.23 0.25 0.23 0.23 0.23	0.04000 0.04000 0.04012 0.04018 0.04023	0·10 0·10 0·08	47 46 45 44
18 19 20 21	0.41151 0.41178 0.41204 0.41231	0·45 0·43 0·45 0·43	1.61438 1.61466 1.61494 1.61522	0·47 0·47 0·47 0·47	0·45152 0·45187 0·45222 0·45257	84·0 84·0 84·0 84·0	1-65467 1-65501 1-65568	0-57 0-57 0-55 0-57	1-09721 1-09735 1-09750 1-09754	0-23 0-25 0-23 0-25	0.04029 0.04035 0.04040 0.04046	0·10 0·08 0·10 0·10	43 42 41 40 39
22 23 24 25 26	0.41257 0.41284 0.41310 0.41337 0.41363	0.45 0.45 0.45 0.45	1.61550 1.61578 1.61606 1.61634 1.61662	0·47 0·47 0·47 0·47 0·45	0.45292 0.45327 0.45362 0.45397 0.45432	88.0 88.0 88.0 88.0	1.65602 1.65636 1.65669 1.65708 1.65736	0.57 0.55 0.57 0.55 0.57	1-09779 1-09793 1-09808 1-09822 1-09837	0-23 0-25 0-23 0-25 0-23	0.04052 0.04058 0.04063 0.04069 0.04075	0·08 0·10 0·10	38 87 30 35 34
27 28 29 30	0.41390 0.41416 0.41443 0.41469	0·43 0·45 0·43 0·45	1.61689 1.61717 1.61745 1.61773	0·47 0·47 0·47 0·45	0.45467 0.45502 0.45538 0.45578	84.0 05.0 84.0 84.0	1-65770 1-65803 1-65837 1-65870	0-55 0-57 0-55 0-57	1-09851 1-09866 1-09880 1-09895	(1-22) (1-23) (1-23) (1-23)	0.04080 0.04086 0.04092 0.04098	0·10 0·10 0·10 0·08	33 32 31 30
31 32 38 34 35	0.41496 0.41522 0.41549 0.41575 0.41602	0.43 0.45 0.48 0.45 0.45	1.61800 1.61828 1.61856 1.61883 1.61911	0·17 0·17 0·15 0·17	0.45608 0.45643 0.45678 0.45713	84-0 84-0 84-0 84-0	1.65994 1.65937 1.65971 1.66094 1.66038	0 55 0 55 0 55 0 57 0 55	1-09909 1-09924 1-09939 1-09953	0 25 0 25 0 25 0 25	0 0 1103 0 0 4109 0 0 4115 0 0 4121 0 0 4127	0·10 0·10 0·10	29 28 27 26 25
36 37 38 39	0.41628 0.41655 0.41681 0.41707	0.45 0.43 0.43 0.45	1.61939 1.61966 1.61994 1.62021	0.45 0.47 0.45 0.47	0·45784 0·45819 0·45854 0·46889	84·0 84·0 84·0 84·0	1-66071 1-66104 1-66138 1-66171	0-55 0-57 0-55 0-55	1-09997 1-10012 1-10026	0 25 0 25 0 25 0 25	0.04132 0.04138 0.04144 0.04160	0·10 0·10 0·10 0·10	24 23 22 21
40 41 42 43 44	0.41784 0.41760 0.41787 0.41818 0.41840	0·45 0·48 0·45 0·48	1.62049 1.62076 1.62104 1.62131 1.62159	0.45 0.47 0.45 0.47	0·45924 0·45960 0·45995 0·46085	00-0 84-0 84-0 84-0 00-0	1-66204 1-66238 1-66271 1-66304 1-66337	0-55 0-55 0-57	1 10100	0 25 0 25 0 23 0 25 0 25	0.04156 0.04161 0.04167 0.04173 0.04179	0·10 0·10 0·10 0·10	20 19 18 17 16
45 46 47 48 49	0.41866 0.41892 0.41919 0.41945 0.41972		1.62186 1.62214 1.62241 1.62268 1.62296	0.47 0.45 0.45 0.47 0.45	0.46101 0.46136 0.46171 0.46206 0.46242	86.0 86.0 86.0 00.0 84.0	1-66371 1-66404 1-66437 1-66470 1-66503	0 55 0 55 0 55 0 55 0 57	1 10115 1-10130 1 10144 1-10159 1 10174	0 23 0 23 0 25 0 25 0 25	0 04185 0 04190 0 04196 0-04202 0 04208	0.10	
50 51 52 53 54	0·41998 0·42024 0·42051 0·42077 0·42104	0·45 0·43 0·45	1.62323 1.62350 1.62377 1.62405 1.62432	0.45 0.45 0.47 0.45 0.45	0·46277 0·46312 0·46348 0·46383 0·46418	0.58 0.50 0.58 0.58 0.60	1.66537 1.66570 1.66636 1.66636 1.66669	0-65 0-55 0-55 0-55 0-55		0 25 0 23 0 25 0 25 0 25	0 04214 0 04220 0 04225 0 04231 0 04237	0·10 0·08 0·10 0·10 0·10	10 9 8 7 6
55 56 57 58 59	0.42130 0.42156 0.42183 0.42209 0.42235	0.48 0.45 0.43 0.48 0.45	T·62459 T·62486 T·62513 T·62541 T·62568	0.45 0.45 0.47 0.45 0.45	0·46454 0·46489 0·46525 0·46560 0·46595	0.58 0.58 0.58 0.58 0.60	1-66702 1-66735 1-66768 1-66801 1-66834	0.55 0.55 0.55 0.55 0.55	1-10283	0 25 0 25 0 25 0 25 0 25	0.04248 0.04249 0.04285 0.04281 0.04287	0·10 0·10 0·10 0·10 0·10	5 4 3 2
60	0.42262	Aghting on the Asset Period of the Commission	1.62595	h - Landa (MA)	0.46681	Begginner, spilled 1700° calls	1.66867		1 10338		0.04272	, HH A	0
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec	D. 1".	Log Cosec	. D. 1".	,

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'	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.42262	0.43	T-62595	0.45	0.46631	0.58	1.66867	0.55	1.10338	0.25	0.04272	0.10	60
1	0.42288	0.45	1.62622	0.45	0.46666	0.60	1.66900	0.55	1.10353	0.25	0.04278	0.10	59
2	0.42315	0.43	1.62649	0.45	0.46702	0.58	1.66933	0.55	1.10368	0.25	0.04284	0.10	58
3 4	$0.42341 \\ 0.42367$	$0.43 \\ 0.45$	1.62676 1.62703	0·45 0·45	0·46737 0·46772	0.58	1.66966	0.55	1.10383	0.25	0.04290	0.10	57
1			1.62730			0.60.	1.66999	0.55	1.10398	0.25	0.04296	0.10	56
5 6	0.42394 0.42420	$0.43 \\ 0.43$	1.62730	0·45 0·45	0.46808 0.46843	0.58	1.67032	0.55	1.10413	0.25	0.04302	0.10	55
7	0.42446	0.45	1.62784	0.45	0.46879	$0.60 \\ 0.58$	1.67065 1.67098	0.55 0.55	1.10428 1.10443	$\begin{array}{c} 0.25 \\ 0.25 \end{array}$	0.04308 0.04314	0·10 0·10	54 53
8	0.42473	0.43	1.62811	0.45	0.46914	0.60	$\frac{1}{1}$.67131	0.53	1.10458	$0.25 \\ 0.25$	0.04314	0.10	52
9	0.42499	0.43	1.62838	0.45	0.46950	0.58	1.67163	0.55	1.10473	0.25	0.04326	0.10	51
10	0.42525	0.45	1.62865	0.45	0.46985	0.60	$\overline{1}$.67196	0.55	1.10488	0.25	0.04332	0.08	50
11	0.42552	0.43	1.62892	0.43	0.47021	0.58	1.67229	0.55	1.10503	0.25	0.04337	0.10	49
12	0.42578	0.43	1.62918	0.45	0.47056	0.60	1.67262	0.55	1.10518	0.25	0.04343	0.10	48
$\begin{bmatrix} 13 \\ 14 \end{bmatrix}$	$0.42604 \\ 0.42631$	$0.45 \\ 0.43$	1.62945 1.62972	0·45 0·45	$0.47092 \\ 0.47128$	$0.60 \\ 0.58$	1.67295 1.67327	0·53 0·55	1.10533	0.27	0.04349	0.10	47
1	0.42657	0.13	1.62999	0.45	0.47163	0.60	1.67360		1.10549	0.25	0.04355	0.10	46
15 16	0.42683	0.43	1.63026	0.43	0.47103	0.58	1.67393	0·55 0·55	1·10564 1·10579	$0.25 \\ 0.25$	0.04361 0.04367	0·10 0·10	45 44
17	0.42709	0.45	1.03052	0.45	0.47234	0.60	1.67426	0.53	1.10594	0.25	0.04373	0.10	43
18	0.42736	0.43	1.63079	0.45	0.47270	0.28	1.67458	0.55	1.10609	0.27	0.04379	0.10	42
19	0.42762	0.43	1.63106	0.45	0.47305	0.60	1.67491	0.55	1.10625	0.25	0.04385	0.10	41
20	0.42788	0.45	1.63133	0.43	0.47341	0.60	1.67524	0.58	1.10640	0.25	0.04391	0.10	40
21	0.42815	0.43	1.63159	0.45	0.47377	0.28	1.67556	0.55	1.10655	0.25	0.04397	0.10	39
22 23	0.42841	0.43	1.63186 1.63213	0.45 0.43	0.47412 0.47448	0.60 0.58	$\frac{1.67589}{1.67622}$	0·55 0·53	1.10670	0.27	0.04403	0.10	38
24	0.42894	0.43	1.63239	0.45	0.47483	0.60	$\frac{1}{1}.67654$	0.55	1.10686 1.10701	$\begin{array}{c} 0.25 \\ 0.25 \end{array}$	0.04409 0.04415	0·10 0·10	37 36
25	0.42920	0.43	1.63266	0.43	0.47519	0.60	1.67687	0.53	1.10716	0.25	0.04421	0.10	35
26	0.42940	0.48	1.63292	0.45	0.47555	0.58	1.67719	0.55	1.10731	0.23	0.04421	0.10	34
27	0.42972	0.45	1.63319	0.43	0.17590	0.60	1.67752	0.55	1.10747	0.25	0.04433	0.10	33
28	0.42099	0.43	1.03345	0.45	0.47626	0.60	1.67785	0.53	1.10762	0.25	0.04439	0.10	32
29	0.43025	0.43	1.63372	0.43	0.47662	0.00	1.67817	0.55	1.10777	0.27	0.04445	0.10	31
30	0.43051	0.43	1.63398	0.45	0.47698	0.58	1.67850	0.53	1.10793	0.25	0.04451	0.10	30
31 32	0.43077 0.43104	0·45 0·43	1.03425 1.03451	0.48	0·47733 0·47769	0.60	1.67882 1.67915	0·55 0·53	1·10808 1·10824	$0.27 \\ 0.25$	0.04457 0.04463	$0.10 \\ 0.10$	29 28
33	0.43130	0.43	1.63478	0.43	0.47805	0.58	Î-67947	0.55	1.10839	0.25	0.04469	0.10	27
34	0.43156	0.43	1.63504	0.45	0.47840	0.00	1.67980	0.53	1.10854	0.27	0.04475	0.10	26
35	0.43182	0.45	1.63531	0.43	0.47876	0.60	1.68012	0.53	1.10870	0.25	0.04481	0.10	25
36	0.43209	$() \cdot 43$	1.63557	0.48	0.47912	0.60	1.68044	0.55	1.10885	0.27	0.04487	0.10	24
37	0.43235	0.43	1.63588	0.45	0.47948	0.60	1.08077	0.53	1.10901	0.25	0.04493	0.12	23
38	0.43261	0.43 0.43	1.68610 1.68636	0.48 0.48	0·47984 0·48019	0.88 0.80	1.68109 1.68142	0.55	1.10916 1.10932	$\begin{array}{c} 0.27 \\ 0.25 \end{array}$	0.04500 0.04506	0·10 0·10	$\begin{vmatrix} 22 \\ 21 \end{vmatrix}$
1						0.60	1.68174	0.53	i	0.27		0.10	20
41	0.43313	0.45	1.63662 1.63689	0.45 0.43	0.48055	0.60	1.68206	0.55	1.10947 1.10963	0.27	0.04512 0.04518	0.10	19
42	0.43366	0.43	1.03715	0.43	0.48127	0.60	1.68239	0.53	1.10978	0.27	0.04524	0.10	18
48	0.43892	0.43	1.03741	0.43	0.48163	0.58	T-68271	0.53	1.10994	0.25	0.04530	0.10	17
44	0.43418	0.45	1.63767	0.45	0.48198	0.00	1.68303	0.55	1.11009	0.27	0.04536	0.10	16
45	0.43445	0.48	1.68794	0.43	0.48234	0.60	1.08336	0.58	1.11025	0.27	0.04542	0.10	15
46	0.43471	0.43 0.43	1.63820 1.63846	0·43 0·43	0.48270 0.48306	0.60	1.68368 1.68400	0.53 0.53	1.11041	$\begin{array}{c} 0.25 \\ 0.27 \end{array}$	0.04548 0.04554	0·10 0·10	14
48	0.48528	0.43	1.63872	0.43	0.48842	0.60	1.68432	0.55	1.11072	0.25	0.04560	0.10	12
49	0.43549	0.43	1.63898	0.43	0.48378	0.60	1.68465	0.53	1.11087	$0.\overline{27}$	0.04566	0.12	
50	1	0.45	1.63924	0.43	0.48414	0.60	1.08497	0.53	1.11103	0.27	0.04573	0.10	1.0
51	0.48602	0.48	1.68950	0.43	0.48450	0.60	1.68529	0.53	1.11119	0.25	0.04579	0.10	9
52	0.43628	0.48	1.03976	0.48	0.48486	0.88	I.68561	0.58	1.11134	0.27	0.04585	0.10	8
53	0.48654	0.43	1.64002	0.43	0.48521	0.60 0.60	1.68593 1.68626	0.55 0.58	1.11150	$0.27 \\ 0.25$	0.04591 0.04597	0·10 0·10	
54	0.43680	0.43	1.64028	0.48	0.48557				l .				1
55	0.43706	0.45	T.64054 T.64080	0·48 0·43	0.48593 0.48629	0.60 0.60	1.68658 1.68690	0.53 0.58	1.11181 1.11197	$\begin{array}{c} 0.27 \\ 0.27 \end{array}$	0.04603 0.04609	$0.10 \\ 0.12$	
56 57	0.43788	0·48 0·48	T-64106	0.43	0.48665	0.60	1.68722	0.53	1.11213	0.27	0.04616	0.10	1 -
58	0.43785	0.48	1.64182	0.43	0.48701	0.80	I.68754	0.53	1.11229	0.25	0.04622	0.10	2
59	0.43811	0.43	T-64158	0.43	0.48787	0.60	T-68786	0.53	1.11244	0.27	0.04628	0.10	1
60	0.43837		T-64184		0.48773		1.68818		1.11260		0.04634		0
-	Cos.	T) 1//	Log Cos.	T) 1"	Cot.	D. 1"	Log Cot.	D. 1"	Cosec.	D. 1".	Log Cose	D. 1"	
	J COS.	10.1.	LON CON.	77. L .	000.		200 COD.		- C08004				<u>- L - </u>

		0.49780	0.60	1.09742		1 11724	0 27	0.04815	0.10 8
1.64953 0 1.64978 0 1.65003 0)-42)-12)-13	0·49858 0·49894 0·49931 0·49967	0.60 0.62 0.60 0.62	1-69774 1-69805 1-69837 1-69868	$\begin{array}{c} 0.53 \ 0.52 \ 0.53 \end{array}$	1-11740 1-11756 1-11772 1-11780	0 27 0 27 0 28 0 27	0-04821 0-04827 0-04833 0-04840	0·10 3 0·10 2 0·12 2 0·10 2
T-65079 0 1-65104 0	0.42	0.5000-1 0.500-10 0.50076 0.50113	0.60 0.60 0.62 0.60	1-69900 1-69932 1-69963 1-69995	0.53 ¹ 0.52	1 11805 1 11821 1 11838 1 11854	0 27 0 28 0 27 0 27	0-04846 0-04852 0-04859 0-04865	$\begin{array}{c c} 0.10 & 2 \\ 0.12 & 2 \\ 0.10 & 2 \\ 0.10 & 2 \end{array}$
1.65180)·42	0.50149 0.50185 0.50222	0:60 0:62 0:60	1.70026 1.70058 1.70089		1 11870 1-11886 1-11903	0 27 0 28 0 27	0-04871 0-04878 0-04884	0·12 2 0·10 2 0·10 2
1.65255 (1.65281 ()·43)·42	0.50258 0.50295 0.50331 0.50368	0.62 0.60 0.62 0.60	1·70131 1 70132 1 70184 1·70215	0 52 0 53 0 52 0 53	1 11919 1 11936 1 11952 1-11968	0 28 0 27 0 27 0 28	0 04890 0 04897 0 04803 0 04910	0-12-1 0-10-1 0-12-1 0-10-1
1.05850 ()-12)-12	0-50404 0-50441 0-50477 0-50514	0 62 0 60 0 62 0 60	170247 170278 170309 170341	0 52 0 52 0 53 0 53	1-11985 1-12001 1-12018 1-12034	0 27 0 28 0 27 0 28	0 0 1916 0 0 4922 0 0 4929 0 0 4935	0-10 1 0-12 1 0-10 - 1 0-10 1
1-65456 1-65481 1-65506	0.42 0.42	0-50550 0-50587 0-50623 0-50660	0-62 0-60 0-62 0-60	1·70372 1·70404 1·70433 1·70466	0 53 6 52 6 52 6 53	1 12051 1 12067 1 12083 1 12100	0 27 0 27 0 28 0 28	0 04941 0 04948 0 04954 0 04951	0-12 1 0-10 1 0-12 0-10
1.65556 (1.65580 (0.42	0.50396 0.50733 0.50769	0.62 0.62	1 70498 1 70529 1 70560	0 59 0 52 0 53	1 12117 1 12133 1 12150	0 27 0 28 0 27	0.04967 0.04973 0.04980	0 10 0 12 0 10
1:65680 1:65655	0.42	0.50806 0.50843 0.50879 0.50916	0-62 0-60 0-62 0-62	1 70592 1 70623 1 70654 1 70655	0 52 0 52 0 52 0 53	1 12164 1 12184 1 12189 1 12216	# 2 # # 2 # # 2 # # 2 #	0 04986 0 04993 0 04999 0 05005	0 10 0 10 0 10 0 12
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1 1	CIOO.				717 I	<u> </u>	LITON	10	\mathbf{x}	CIL	LUG	<u></u>	21
-	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.45399	0.43	1.65705	0.40	0.50953	0.60	<u>1</u> ·70717	0.52	1.12233	0.27	0.05012	0.10	60
$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	0.45425 0.45451	$0.43 \\ 0.43$	1.65729 1.65754	$0.42 \\ 0.42$	0.50989 0.51026	$\begin{array}{c} 0.62 \\ 0.62 \end{array}$	$\frac{1.70748}{1.70779}$	$0.52 \\ 0.52$	1.12249	0.28	0.05018	0.12	59
3	0.45477	0.43	$\frac{1}{1}$.65779	0.42	0.51020	0.60	1.70810	0.52	1.12266 1.12283	$0.28 \\ 0.27$	$0.05025 \\ 0.05031$	$0.10 \\ 0.12$	58 57
4	0.45503	0.43	1.65804	0.40	0.51099	0.62	1·70841	0.53	1.12299	0.28	0.05038	0.10	56
5	0.45529	0.42	1.65828	0.42	0.51136	0.62	1.70873	0.52	1.12316	0.28	0.05044	0.12	55
6	0.45554 0.45580	$0.43 \\ 0.43$	$\frac{1.65853}{1.65878}$	0·42 0·40	0.51173 0.51209	$\begin{array}{c} 0.60 \\ 0.62 \end{array}$	$\frac{1.70904}{1.70935}$	0.52	1.12333	0.27	0.05051	0.10	54
8	0.45606	0.43	$\frac{1}{1}$.65902	0.42	0.51246	0.62	1.70966	$0.52 \\ 0.52$	1.12349 1.12366	$0.28 \\ 0.28$	0.05057 0.05064	$0.12 \\ 0.10$	53 52
9	0.45632	0.43	1.65927	0.42	0.51283	0.60	$\overline{1}$.70997	0.52	1.12383	0.28	0.05070	0.12	51
10	0.45658	0.43	I-65952	0.40	0.51319	0.62	<u>T</u> ·71028	0.52	1.12400	0.27	0.05077	0.10	50
$\frac{11}{12}$	$0.45684 \\ 0.45710$	$0.43 \\ 0.43$	1.65976 1.66001	0·42 0·40	0.51356 0.51393	$\begin{array}{c} 0.62 \\ 0.62 \end{array}$	$\overline{1}$.71059 $\overline{1}$.71090	$0.52 \\ 0.52$	1.12416 1.12433	$\begin{array}{c} 0.28 \\ 0.28 \end{array}$	0.05083 0.05089	$0.10 \\ 0.12$	49
13	0.45736	0.43	1.66025	0.42	0.51430	0.62	$\frac{1}{1}$.71121	0.53	1.12450	0.28	0.05096	0.10	47
14	0.45762	0.42	I-66050	0.42	0.51467	0.60	$\overline{1}$.71153	0.52	1.12467	0.28	0.05102	0.12	46
15	0.45787	0.43	I-66075	0.40	0.51503	0.62	<u>1</u> ·71184	0.52	1.12484	0.28	0.05109	0.10	45
16 17	0.45813 0.45839	$0.43 \\ 0.43$	1.66099 1.66124	$0.42 \\ 0.40$	0.51540 0.51577	$\begin{array}{c} 0.62 \\ 0.62 \end{array}$	$\frac{1}{1}$.71215	$0.52 \\ 0.52$	1.12501 1.12518	$0.28 \\ 0.27$	$0.05115 \\ 0.05122$	$0.12 \\ 0.12$	44
18	0.45865	0.43	1.66148	0.42	0.51614	0.62	1.71277	0.52	1.12534	0.28	0.05122	0.10	42
19	0.45891	0.43	1.66173	0.40	0.51651	0.62	1·71308	0.52	1.12551	0.28	0.05135	0.12	41
20	0.45917	0.42	T-66197	0.40	0.51688	0.60	1.71339	0.52	1.12568	0.28	0.05142	0.10	40
21 22	0.45942		1.66221 1.66246	$0.42 \\ 0.40$	0.51724 0.51761	$0.62 \\ 0.62$	$\frac{1.71870}{1.71401}$	0.52 0.50	1.12585 1.12602	$0.28 \\ 0.28$	0.05148 0.05155	0·12 0·10	39
23	0.45994		1.66270	0.42	0.51798	0.62	Ī·71431	0.52	1.12619	0.28	0.05161	0.12	37
24	0.46020	0.43	1.66295	0.40	0.51835	0.62	I·71462	0.52	1.12636	0.28	0.05168	0.10	36
25	0.46046		I 66319	0.40	0.51872	0.62	1.71493	0.52	1.12653	0.28	0.05174	0.12	35
26 27	0-46072 0-46097		1.66343	0·42 0·40	0.51909 0.51946	$\begin{array}{c} 0.62 \\ 0.62 \end{array}$	1.71524 1.71555	0·52 0·52	1.12670 1.12687	$0.28 \\ 0.28$	0·05181 0·05187	$0.10 \\ 0.12$	34
28	0.46123		1.66392	0.40	0.51983	0.62	Ī·71586	0.52	1.12704	0.28	0.05194	0.12	32
29	0.46149		1.66416	0.42	0.52020	0.62	I·71617	0.52	1.12721	0.28	0.05201	0.10	31
30	0.46175 0.46201		1.66441 1.66465	0·40 0·40	0.52057		T·71648 T·71679	0.52	1.12738	0.28	0.05207	0.12	30
$\begin{vmatrix} 31 \\ 32 \end{vmatrix}$	0.46226		1.66489	0.40	$0.52094 \\ 0.52131$	0.62 0.62	1.71709	0.50 0.52	1.12755 1.12772	$\substack{0.28\\0.28}$	$0.05214 \\ 0.05220$	$0.10 \\ 0.12$	29 28
33	0.46252	0.43	I-66513	0.40	0.52168	0.62	T-71740	0.52	1.12789	0.30	0.05227	0.10	27
34	0.40278		1.66537	0.42	0.52205	0.62	T.71771	0.52	1.12807	0.28	0.05233	0.12	
35	$ 0.46304 \\ 0.46330$		T-66562 1-66586	0.40	0.52242 0.52279	$\begin{array}{c} 0.62 \\ 0.62 \end{array}$	$\frac{1.71802}{1.71833}$	0.52 0.50	1.12824 1.12841	$0.28 \\ 0.28$	$0.05240 \\ 0.05247$	$0.12 \\ 0.10$	25 24
37	0.46355		I-66610	0.40	0.52316	0.62	T·71863	0.52		0.28	0.05247	0.12	
38	0.46381		1.66634	0.40	0.52353	0.62	1.71894	0.52	1.12875	0.28	0.05260	0.10	22
89	0.46407		T.66658	0.40	0.52390	0.62	T·71925	0.50	1.12892	0.30	0.05266	0.12	
40	0.46433		T·66682 T·66706	0·40 0·42	0.52427 0.52464	0.62 0.62	T·71955 T·71986	$0.52 \\ 0.52$	1.12910 1.12927	0·28 0·28	0.05273 0.05280	$0.12 \\ 0.10$	
42	0.46484		Ī·66731	0.40	0.52501	0.62	1.72017	0.52		0.28	0.05286	0.12	
43	0.46510		1.06755	0.40	0.52538	0.62	1.72048	0.50		0.30	0.05293	0.12	
4.4	0.40530		T-66779	0.40	0.52575	0.63	T-72078	0.52	1	0.28	0.05300	0.10	1
45	0.46561		T·66803 T·66827	0.40	0.52613	$0.62 \\ 0.62$	T·72109 T·72140	0.52 0.50		0·28 0·30	0.05306 0.05313	$0.12 \\ 0.12$	
47	0.46613		1.66851	$0.\overline{40}$	0.52687	0.62	1.72170	0.52		0.28	0.05320	0.10	
48	0.40639		T-66875	0.40			T-72201	0.50		0.28	0.05326	0.12	
49	0.46664		T.66899	0.38		0.62	T·72231 T·72262		1.18065	0.80	0.05383	0.12	1
50	0.46690		1.66922 1.66946	0·40 0·40	0.52798		1.72202	0.52 0.50		$0.28 \\ 0.28$	0.05340 0.05346	$0.10 \\ 0.12$	
52		0.42	T.66970	0.40	0.52873	0.62	<u>T</u> ·72323	0.52	1.13117	0.30	0.05353	0.12	8
53			1.66994	0.40			1.72354	0.50		0.28	0.05360	0.10	
54	í		1.67018 1.67042	0.40	i		1·72384 T·72415	0·52 0·50	i	0·30 0·28	0.05366 0.05373	0.12	1
55	0.46819		1.67042	0·40 0·40			1.72415	0.52		0.30	0.05373	$0.12 \\ 0.10$	
57	0.46870	0.43	<u>T</u> ·67090	0.38	0.53059	0.62	T.72476	0.50	1.13205	0.28	0.05386	0.12	3
58			T·67113 T·67137	0·40 0·40			T·72506 T·72537	0.52 0.50			0.05393 0.05400	$0.12 \\ 0.12$	
59 60			I-67161	vx.∪	0.53171		1.72567	0.00	1.13257		0.05407	0.12	
150	Cos.		Log Cos.	D. 1"			Log Cot.	D. 1'	-		Log Cosec	D. 1	
	T COB.	J. L .					-' Function						
			Troporti	with 1	- 10 m	,,,,		100 1166	00 000	7.77	•	025	62

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,	Sine.	D.1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	1), 1",		D. 1".	Log Sec.	D. 1".	
0	0.46947	0.43	T-67161	0.40	0.53171	0.62	1.72567	0.52	1.13257	0.30	0.05407	0.10	60
ľ	0.46978	0.43	1.67185	0.38	0.53208	0.63	1.72598	0.50	1.13275 1.13292	0.28	0.05413	0.12	59
2	0.46999	0.42	I-67208	0.40	0.53246	0.62	1.72628	0.52	1.13332	0.30 0.28	0.05420 0.05427	0.12	58
3	0.47024	0.43	1.67232	0.40	0.53283	0.62	1.72659	0.50	1.13327	()-3()	0.05437	0.10	57
4	0.47050	0.43	I-67256	0.40	0.53320	0.83	1.72689		l			0.12	56
5	0.47076	0.42	I-67280	0.38	0.53358	0.62	1.72720	0.50	1.13345	0.28	0.05440	0.12	55
6	0.47101	0.43	1.67803	0.40	0.53395	0.62	1.72750	0.50	1.13362	0.30	0.05447	0.12	54
7	0.47127	0.43	1.67327	0.38	0.53432	0.63	1.72780	0.52	1.13380 1.13398	0.28	0.05454 0.05460	0.10	58
8	0.47153	0.42	1.67350	0.40	0.53470	0.62	1.72811	0.50	1.13415	0.80	0.05467	0·12 0·12	52
9	0.47178	0.43	1.67374	0.40	0.53507	0.63			į				51
10	0.47204	0.42	T-67398	0.38	0.53545	0.62	1.72872	0.50	1-13433 1-13451	0.30 0.28	0.05474 0.05481	0.12	50
11	0.47229	0.43	1.67421	0.40	0.58582	0.63	1.72902	0.50 0.52	1.13468	0.30	0.05487	0.10	49
12	0.47255	0.43	1.67445	0.38	0.53620	0.62	1.72932 1.72963	0.50	1-13486	0.30	0.05494	$0.12 \\ 0.12$	48
13		0.42	1.67468	0.40	0.53657	0·62 0·63	1.72993	0.50	1.13504	0.28	0.05501	0.12	47
14	0.47306	0.43	1.07492	0.38	0.53694				i			ì	46
15	0.47332	0.43	I-67515	0.40	0.53732	0.62	1.73023	0.52	1-13521 1-13539	0:30	80880-0 01880-0	0.12	45
16	0.47358	0.42	L67539	0.38	0.53769	0.63	1.73054 1.73084	0:50 0:50	1.13557	0.30	0.05521	0·10 0·12	44
17	0.47383	0.43	1.67562	0.40	0.53807	$0.62 \\ 0.63$	1.73111	0.50	1-13575	0.30	0.05528	0.12	43
18	0.47409	0.42	1.07586	0.38	0.53844	0.63	1.73144	0.52	1-13593	0.28	0.05635	0.12	42 41
19	0.47434	0.48	1.67609	0.40	ł				1.13610	0.30	0.05542		
20	0.47460	0.43	1.67033	0.38	0.53920	0.62	1.73175	0.50	1-13628	0.30	0.05549	0.12	40
21	0.47486	0.42	1.67656	0.40	0.53957	0·68 0·62	$\frac{1.73205}{1.73235}$	0.50	1-13646	0.30	0.05555	0.10	39 38
22	0.47511	0.43	1.67680 1.67708	0.38	0.54032	0.63	1.78265	0.50	1-13664	0.30	0.05562	0.12	37
23	0.47537	$0.42 \\ 0.43$	I.67726	0.40	0.54032	0.63	1.73295	0.62	1-13682	0.30	0.05569	0.12	36
24					1		1.73326	0.50	1-13700	0.30	0.05576	0.12	
25	0.47588	0.43	1.67750	0.38	0.54145	0.63 0.63	1.73320	0.50	1-13718	0.28	0.05510	0.12	35 34
26	0.47614	0·42 0·43	1.67773 1.67796	0.38	0.54183	0.62	1.78386	0.50	1 13785	0.30	0.05500	0.10	33
27 28	0.47639	0.42	T-67820	0.38	0.54220	0 63	1.73416	0.6.0	1-13753	0.30	0.05596	0.12	32
29	0.47690	0.43	1.67843	0.38	0.54258	0.63	1.73446	0.50	1.18771	0.30	0.05003	0.12	31
30	0.47716	0.42	T-67866	0.40	0.54296	0.62	1.73476	0.52	1-13789	0.30	0.05610	0.12	30
31	0.47741	0.43	1.67890	0.38	0.54333	0.63	1.73507	0.50	1-13807	0.30	0.05617	0.12	29
32	0.47767	0.43	1.67913	0.88	0.54371	0.63	1.73537	0.50	1-13825	0.30	0.05624	0.12	28
33	0.47793	0.42	1.67936	0.38	0.54409	0.62	1.73567	0 50	1-13843	0 30	0.05631	0.12	27
34	0.47818	0.43	I-67959	0.38	0.54446	0.63	1.73597	0:50	1-13861	0.30	88040-0	0.12	26
85	0.47844	0.42	1.67982	0.40	0.54484	0.68	1.73627	0.50	1-13879	0.30	0.05645	0.10	25
36	0.47869	0.48	1.08006	0.38	0.54522	0.68	1.73657	0.50	1-13897	0.20	0.05654	0.12	24
87	0.47895	0.42	1.68029	0.38	0.54500	0.62	1.73087	0.50	1-13915	0.32	0.05658	0.12	28
38	0.47920	0.48	1.68052	0.38	0.54597	0.63	1.73717	0.50	1-13934	0.20	ម មក្ខិតិថ្ងៃ	0.12	22
39	0.47946	0.42	T-08075	0.38	0.54635	0.63	1.73747	0.50	1-13952	0.30	0.05672	0.12	21
40	0.47971	0.48	1.08008	0.38	0.54673	0.63	1.78777	0.50	1-13970	0.30	0.05679	0.13	20
41	0.47997	0.42	1.68121	0.38	0.54711	0.62	1 73807	0 50	1-13988	0.30	0.05686	0.12	19
42	0.48022	0.48	1.08144	0.38	0.54748	0.63	1.73837	0.50	1 1 1000	0.30	០ ០៦៥៦ង	0.12	18
48	0.48048	0.42	1.08167	0.38	0.64780	0.63	1.73867	0.50	1-14024	0.30	0.08700	0.13	17
44	0.48078	0.43	1.08190	0.88	0.54824	0.63	1.73897	0.50	1-14042	0.82	0.05707	0.12	16
45	0.48099	0.42	1.08218	0.40	0.54862	0.63	1.73927		1-14061	0.30	0 05714	0.12	15
40	0.48124	0.48	1.68237	0.38	0.54900	0.63	1.73957		1.14079	0.30	0.05721	0.10	14
147	0.48150	0.42	1.68260	0.38	0.54938	0.62	1.73987		1-14097	0.30	0.05727	0.19	13
48	0.48175	0.48	T-68283 T-68305	0.37	0.54975	0.63	1.74017		1-14115	0.32	0.05734	0.12	12
40	0.18201	0.42		0.38	0.55018	0.63	1.74047	0.50	1.14184	0.80	0.05741	1	11
50	0.48226	0.43	1.68328	0.38	0.55051	0.68	1.74077	0.50	1-14152	0.80	0.05748		10
51	0.48252	0.42	1.68351	0.88	0.55089	0.63	1.74107	0.50	1-14170	0.30	0.05755	0.13	9
52	0.48277	0·43 0·42	1.68374 1.68397	0.88 0.88	0.55127 0.55165	0.63 0.63	1.74137	0.48	1-14188	0 32 0 30	0.05762	0.12	8
54	0.48328	0.43	T-68420	0.38	0.55208	0.63	1.74196	0.50	1-14225	0.30	0.05776	0.12	6
1	0.48354	0.42	T-68443					ł				- 1	5
56	0.48379	0.43	1.68466	0.38 0.38	0.55241	0.68 0.63	1.74226	0.50	1.14243	0 32 0 30	0 05783	0.12	4
57	0.48405	0.42	1.68489	0.38	0.55317	0.63	1.74256 1.74286	0.50	1-14262	0.23	0.05797	0.12	3
58	0.48480	0.43	T-68512	0.87	0.55355	0.68	1.74316	0.48	1.14299	0.30	0 05804	0.12	2
59	0.48456	0.42	T-68584	0.88	0.55898	0.63	1.74348		1-14817	0.80	0.05811	0.13	1
60	0.48481		1.68557		0.55431		1 74375	3	1-14335		0.05818		0
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	Сов.	D. 1",	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D, I",	Cases.	D. I".	Log Cosec.	D. 1".	'

4 0-48538 0-42	0 1 2 3	0.48481 0.48506 0.48532 0.48557	0·42 0·43 0·42 0·43	1.68580 1.68603	0·38 0·37	0·55469 0·55507	0·63 0·63 0·63 0·63	1.74405 1.74435	0·50 1 0·50	1.14335 1.14354 1.14372 1.14391	$0.30 \\ 0.32$	$0.05825 \\ 0.05832$	0.12	60 59 58 57
7 0 - 1860.95 0 - 42	4 5	0.48583 0.48608	$0.42 \\ 0.43$	$\overline{1}$.68648 $\overline{1}$.68671	0·38 0·38	0·55583 0·5 5621	0·63 0·63	Ī·74494 <u>Ī</u> ·74524	0·50 0·50	1·14409 1·14428	$0.32 \\ 0.30$	0·05846 0·05853	0·12 0·12	56 55
1	7 8 9	$0.48659 \\ 0.48684$	$0.42 \\ 0.43$	T-68716 T-68739	0·38 0·38	0·55697 0·55736	0·65 0·63	1.74583 1.74613	0·50 0·50	1·14465 1·14483	$\begin{array}{c} 0.30 \\ 0.32 \end{array}$	0·05867 0·05874	$0.12 \\ 0.12$	53 52
5	10 11 12 13 14	0·48761 0·48786 0·48811	$0.42 \\ 0.42 \\ 0.43$	$\begin{array}{c} \overline{1} \cdot 68807 \\ \overline{1} \cdot 68829 \\ \overline{1} \cdot 68852 \end{array}$	0·37 0·38 0·38	0·55850 0·55888 0·55926	0.63 0.63 0.63	$ \overline{1} \cdot 74702 \overline{1} \cdot 74732 \overline{1} \cdot 74762 $	0·50 0·50 0·48	1·14539 1·14558 1·14576	0·32 0·30 0·32	0·05895 0·05902 0·05910	$0.12 \\ 0.13 \\ 0.12$	49 48 47
0	15 16 17 18 19	0.48862 0.48888 0.48913 0.48938	0·43 0·42 0·42 0·43	$ \begin{array}{c} \overline{1} \cdot 68897 \\ \overline{1} \cdot 68920 \\ \overline{1} \cdot 68942 \\ \overline{1} \cdot 68965 \end{array} $	0·38 0·37 0·38 0·37	0.56003 0.56041 0.56079 0.56117	0.63 0.63 0.63 0.65	$\overline{1}.74821$ $\overline{1}.74851$ $\overline{1}.74880$ $\overline{1}.74910$	0.50 0.48 0.50 0.48	1·14614 1·14632 1·14651 1·14670	$0.32 \\ 0.32 \\ 0.32$	0.05931 0.05938 0.05945	$0.12 \\ 0.12 \\ 0.12$	44 43 42
1.	20 21 22 23 24	$0.48989 \\ 0.49014 \\ 0.49040 \\ 0.49065$	$0.42 \\ 0.43 \\ 0.42 \\ 0.42$	$\overline{1.69010}$ $\overline{1.69032}$ $\overline{1.69055}$ $\underline{1.69077}$	0·37 0·38 0·37 0·38	0·56194 0·56232 0·56270 0·56309	0.63 0.63 0.65 0.63	T·74969 T·74998 T·75028 T·75058	0·48 0·50 0·50 0·48	1·14726 1·14745 1·14764	$\begin{array}{c} 0.32 \\ 0.32 \\ 0.30 \end{array}$	0·05966 0·05973 0·05980	$0.12 \\ 0.12 \\ 0.13$	39 38 37
1.0	$25 \\ 26 \\ 27 \\ 28$	0.49116 0.49141 0.49166 0.49192	0·42 0·42 0·43 0·42	T-69122 1-69144 1-69167 1-69189	0·37 0·38 0·37 0·38	0.56385 0.56424 0.56462 0.56501	0.65 0.65 0.65	$\begin{array}{c} \hline{1.75117} \\ \hline{1.75146} \\ \hline{1.75176} \\ \hline{1.75205} \end{array}$	0·48 0·50 0·48 0·50	1·14820 1·14839 1·14858	$\begin{array}{c} 0.32 \\ 0.32 \\ 0.32 \end{array}$	0.06002 0.06009 0.06016	$0.12 \\ 0.12 \\ 0.12$	34 33 32
85 0.49369 0.42 1.69345 0.38 0.56769 0.65 1.75411 0.50 1.14990 0.32 0.06066 0.12 25 36 0.49394 0.42 1.69368 0.37 0.56846 0.65 1.75470 0.50 1.15028 0.32 0.06078 0.12 24 37 0.49415 0.42 1.69434 0.37 0.56885 0.63 1.75500 0.48 1.15047 0.32 0.06088 0.12 22 38 0.4945 0.43 1.60456 0.38 0.56962 0.63 1.75550 0.48 1.15066 0.32 0.06088 0.12 21 40 0.4945 0.43 1.60456 0.38 0.56962 0.63 1.75588 0.50 1.15105 0.32 0.06109 0.12 21 40 0.49521 0.42 1.69523 0.37 0.57039 0.65 1.75676 0.48 1.15143 0.32 0.06110 0.13 18	30 31 32 33	0·49242 0·49268 0·49293 0·49318	0·43 0·42 0·42 0·43	T·69234 T·69256 T·69279 T·69301	0·37 0·38 0·37 0·37	0.56577 0.56616 0.56654 0.56693	0.65 0.65 0.63	T·75264 T·75294 T·75323 T·75353	0.50 0.48 0.50 0.48	1·14914 1·14933 1·14952	$0.32 \\ 0.32 \\ 0.32$	0.06037 0.06045 0.06052	$0.13 \\ 0.12 \\ 0.12$	29 28 27
40 0.49495 0.43 1.60456 0.38 0.56962 0.63 1.75558 0.50 1.15085 0.33 0.06102 0.12 20 41 0.49521 0.42 1.69479 0.37 0.57000 0.65 1.75588 0.48 1.16105 0.32 0.06102 0.12 13 43 0.49571 0.42 1.69523 0.37 0.57078 0.65 1.75676 0.48 1.15162 0.32 0.06118 0.12 17 45 0.49629 0.42 1.695646 0.37 0.57116 0.66 1.757676 0.48 1.15162 0.32 0.06138 0.12 15 46 0.49647 0.42 1.69611 0.37 0.57193 0.65 1.75766 0.48 1.15200 0.32 0.06138 0.12 15 47 0.49622 0.42 1.69631 0.37 0.57313 0.65 1.75735 0.48 1.15230 0.32 0.06138 0.12 18 </td <td>35 36 37 38 39</td> <td>0.49369 0.49394 0.49419 0.49445</td> <td>0·42 0·42 0·43 0·42</td> <td>1.69345 1.69368 1.69390 1.69412</td> <td>$0.37 \\ 0.37 \\ 0.37$</td> <td>0.56808 0.56846 0.56885</td> <td>0.63 0.63</td> <td>1.75441 1.75470 1.75500</td> <td>0.48 0.50 0.48</td> <td>1·15009 1·15028 1·15047</td> <td>$0.32 \\ 0.32 \\ 0.32$</td> <td>0.06080 0.06088</td> <td>$0.12 \\ 0.13 \\ 0.12$</td> <td>24 28 22 21</td>	35 36 37 38 39	0.49369 0.49394 0.49419 0.49445	0·42 0·42 0·43 0·42	1.69345 1.69368 1.69390 1.69412	$0.37 \\ 0.37 \\ 0.37$	0.56808 0.56846 0.56885	0.63 0.63	1.75441 1.75470 1.75500	0.48 0.50 0.48	1·15009 1·15028 1·15047	$0.32 \\ 0.32 \\ 0.32$	0.06080 0.06088	$0.12 \\ 0.13 \\ 0.12$	24 28 22 21
45 0.49622 0.42 T.60567 0.37 0.57155 0.63 T.75705 0.50 1.15181 0.32 0.06138 0.12 15 46 0.49647 0.42 T.69589 0.37 0.57193 0.65 T.75735 0.48 1.15200 0.32 0.06145 0.13 14 47 0.49672 0.42 T.69611 0.37 0.57271 0.63 T.75764 0.48 1.15219 0.32 0.06153 0.12 18 48 0.49697 0.43 T.69635 0.37 0.57271 0.63 T.75764 0.48 1.15239 0.32 0.06160 0.12 12 49 0.49748 0.42 T.69657 0.37 0.57348 0.63 T.75822 0.50 1.15277 0.32 0.06174 0.12 11 50 0.49748 0.42 T.69699 0.37 0.57386 0.65 T.75881 0.48 1.15296 0.32 0.06181 0.13 9	40 41 42 43 44	0.49521 0.49546 0.49571	$0.12 \\ 0.12 \\ 0.12$	1.69479 1.69501 1.69523	0·37 0·37 0·37	0.57000 0.57039 0.57078	0.65 0.65 0.63	1.75588 1.75617 1.75647	0·48 0·50 0·48	1·15105 1·15124 1·15143	$0.32 \\ 0.32 \\ 0.32$	0.06109 0.06116 0.06124	$0.12 \\ 0.13 \\ 0.12 \\ 0.12$	19 18 17 16
50 0·49748 0·42 T·69677 0·37 0·57348 0·63 T·75852 0·48 1·15277 0·32 0·06174 0·12 10 51 0·49778 0·42 T·69699 0·37 0·57386 0·65 T·75881 0·48 1·15296 0·32 0·06189 0·12 8 52 0·49708 0·43 T·69721 0·37 0·57426 0·65 T·75910 0·48 1·15315 0·33 0·06189 0·12 8 53 0·49824 0·42 T·69765 0·37 0·57464 0·65 T·75999 0·50 1·15335 0·32 0·06196 0·12 7 54 0·49874 0·42 T·69765 0·37 0·57503 0·65 T·75999 0·48 1·15375 0·32 0·06196 0·12 7 55 0·49874 0·42 T·69787 0·37 0·57580 0·65 T·76027 0·48 1·15393 0·32 0·06218 0·12 4	46 46 47 48	0.49622 0.49647 0.49672 0.49697	0·42 0·42 0·43	T·69589 T·69611 <u>T</u> ·69633	0·37 0·37 0·37	0.57193 0.57232 0.57271	0.65 0.65 0.63	I.75735 I.75764 I.75793	0·48 0·48 0·48	1·15200 1·15219 1·15239	$0.32 \\ 0.33 \\ 0.32$	$0.06145 \\ 0.06153 \\ 0.06160$	$0.13 \\ 0.12 \\ 0.12$	14 13 12
55 0.49874 0.42 I.69787 0.37 0.57541 0.65 I.75998 0.48 1.15373 0.33 0.06211 0.12 5 6 0.49899 0.42 I.69899 0.37 0.57580 0.65 I.76027 0.48 1.15393 0.32 0.06218 0.12 4 5 7 0.49924 0.43 I.69831 0.37 0.57619 0.63 I.76056 0.50 1.15412 0.32 0.06225 0.12 3 1 0.49950 0.42 I.69853 0.37 0.57657 0.65 I.76086 0.48 1.15412 0.32 0.06232 0.13 2 1 0.49975 0.42 I.69875 0.37 0.57696 0.65 I.76115 0.48 1.15451 0.32 0.06232 0.13 2 1 0.57696 0.50 I.76144 1.15470 0.06247 0.57735 I.76144 1.15470 0.06247 0.57735 I.76144 1.15470 0.06247 0.57696 0.50 I.76144 1.15470 0.65247 0.57696 0.50 I.76144 I.5470 0.65247 0.57696 0.50 I.76144 I.5470 0.65247 0.57696 0.50 I.76144 I.5470 0.65247 0.57696 0.50 I.76144 I.5470 0.65247 0.57696 0.50 I.76144 I.5470 0.65247 0.57696 0.50 I.76144 I.5470 0.65247 0.57696 0.50 I.76144 I.5470 0.65247 0.57696 0.50 I.76144 I.5470 0.65247 0.57696 0.50 I.76144 I.5470 0.65247 I.5470 0.65247 I.5470 0.65247 I.5470 0.65247 I.5470 0.65247 I.5470 0.65247 I.5470 0.65247 I.5470 I	50 51 52 58	$\begin{array}{c} 0.49748 \\ 0.49773 \\ 0.49798 \\ 0.49824 \end{array}$	0·42 0·42 0·43 0·42	I·69677 I·69699 I·69721 I·69743	0·37 0·37 0·37 0·37	0.57348 0.57386 0.57425 0.57464	0.65 0.65 0.65	I.75881 I.75910 I.75939	0·48 0·48 0·50	1.15296 1.15315 1.15335	$0.32 \\ 0.33 \\ 0.32$	0.06181 0.06189 0.06196	$0.13 \\ 0.12 \\ 0.12$	9 8 7
60 0.50000 T.69897 0.57735 T.76144 1.15470 0.00247 0 Cos. D.1". Log Cos. D.1". Cot. D.1". Log Cot. D.1". Cosec. D.1". Log Cosec. D.1".	56 56 57	0.49874 0.49890 0.49924 0.49950	0·42 0·42 0·43 0·43	T-69787 T-69809 T-69831 T-69853	0·37 0·37 0·37 0·37	0.57541 0.57580 0.57619 0.57657	0.65 0.65 0.63 0.65	T-75098 T-76027 T-76056 T-76086	0.48 0.50 0.48	1·15393 1·15412 1·15431	$0.32 \\ 0.32 \\ 0.33$	0.06218 0.06225 0.06232	$0.12 \\ 0.12 \\ 0.13$	4 3 2
Cos. D. I. Ing Cos. D. I. 1		į.)	T-69897		0.57735		T-76144		1.15470	D 1"		7) 1"	
Proportional Parts of the 'Co-' Functions must be subtracted. Proportional Parts of the other Functions must be added. 259	L	Cos.	D. 1'											60°

FUNCTIONS &

0.48481 0.42 T.68557 0.38 0.55431 0.63 T.74375 0.50 1.14335 0.32 0.05818 0.12 60

D. 1". Log Tan. D. 1".

Tan.

THEIR LOGS.

D. 1". Log Sec. D. 1".

Sec.

TRIGONOMETRICAL

Sinc.

D. 1". Log Sin. D. 1".

Proportional Parts of the 'Co-' Functions must be subtracted.

Proportional Parts of the other Functions must be added.

30	, ,,,	.100	IN O TAT						110 0		ICIK	LO(C.L
,	Sinc.	D. 1"	. Log Siu.	D. 1"	. Tan.	D, 1"	Log Tan	. 1). 1'	Sec.	D. 1	'. Log See	. 1), 1"	
3	0.5002 0.5005	5 0.42 0 0.43 6 0.42	1.69919 1.69941 1.69963	0·37 0·37 0·85		4 0.65 3 0.63 L 0.65	1.76144 1.76173 1.76202 1.76231 1.76264	3 0·48 3 0·48 1 0·50	1:1548 1:1550 1:1552	0 0:3; 0 0:3; 3 0:3;	3 0.06254 3 0.06262 3 0.06269	0·13 0·12 0·12	59 58 57
0 2 2	0.5015 0.5017 0.5020	1 0·42 6 0·42 1 0·43	I·70028 I·70050 I·70072	0·87 0·87 0·85	0.57929 0.57968 0.58007 0.58040 0.58081	0.65 0.65 0.65	1.76290 1.76319 1.76348 1.76377 1.76400	0.48 0.48 0.48	1.15587 1.15600 1.15620	7 0.32 5 0.33 5 0.32	3 0.06291 3 0.06298 3 0.06305	$0.12 \\ 0.12 \\ 0.13$	54 53 52
10 11 12 13 14	0.5027 0.5030 0.5032	7 0·42 2 0·42 7 0·42	T·70137 T·70159 1·70180	0·37 0·35	0.58124 0.58162 0.58201 0.58240 0.58279	0.65 0.65 0.65	1.76435 1.76464 1.76493 1.76522 1.76551	0.48 0.48 0.48	1.15684 1.15704 1.1572	l 0.33 l 0.33 l 0.32	0.06327 0.06335 0.06342	0·18 0·12	50 49 48 47 46
15 10 17 18 19	0.50403 0.50428 0.50453	3 0·42 3 0·42 3 0·42	T·70224 T·70245 T·70267 T·70288 T·70310	0·35 0·37 0·35 0·37 0·37	0.58318 0.58357 0.58396 0.58435 0.58474	0.65 0.65 0.65	1.76580 1.76609 1.76639 1.76668 1.76697	0·50 0·48 0·48	1.15781	0.33 0.33 0.32	0.06364 0.06372 0.06379	0·12 0·13 0·12 0·12 0·13	45 44 43 42 41
20 21 22 23 24	0.50528 0.50558 0.50578	3 0·42 3 0·42 3 0·42	1.70882 1.70853 1.70875 1.70896 1.70418	0.35 0.37 0.35 0.37 0.35	0.58513 0.58552 0.58591 0.58631 0.58670	0.65 0.67 0.65	T-76725 1-76754 1-76783 1-76812 1-76841	0·48 0·48	1-15861 1-15881 1-15901 1-15920 1-15940	0.33 0.32 0.38		0·12 0·13 0·12 0·12 0·13	40 89 88 87 86
25 26 27 28 29	0.50654 0.50676 0.50704	0·42 0·42 0·42	1.70489 1.70461 1.70482 1.70504 1.70525	0·37 0·35 0·37 0·35 0·37	0.58709 0.58748 0.58787 0.58826 0.58865	0.65 0.65 0.65 0.65 0.67	1.76870 1.76800 1.76928 1.76987 1.76986	0.48 0.48 0.48 0.48 0.48	1.15960 1.15980 1.16000 1.16019 1.16039	0.84 0.82 0.88	0-06481 0-06488 0-06446 0-06458 0-06461	0·12 0·13 0·12 0·13 0·12	35 84
30 31 32 33 34	0.50779 0.50804 0.50829	0·42 0·42 0·42	1.70547 1.70568 1.70590 1.70611 1.70633	0.35 0.37 0.35 0.37 0.35	0.58905 0.58944 0.58983 0.59022 0.59061	0.65 0.65 0.65 0.67	1.77018 1.77044 1.77078 1.77101 1.77130	0 48 0 48 0 47 0 48 0 48	1-16050 1-16079 1-16099 1-16119 1-16139		0-06468 0-06475 0-06483 0-06490 0-06498	0·12 0·13 0·12 0·13 0·13	30 29 28 27 26
35 36 37 38 39	0.50904	0·42 0·42 0·42	1.70654 1.70675 1.70697 1.70718 1.70739	0.85 0.87 0.35 0.35 0.37	0.59101 0.59140 0.59179 0.59218 0.59258	0.65 0.65 0.65 0.67 0.65	T-77159 T-77188 1-77217 1-77246 1-77274		1.16159 1.16179 1.16199 1.16219 1.16239	0.33 0.33 0.33 0.33	0-06505 0-06518 0-06520 0-06528 0-06585	0·13 0·12 0·13 0·13 0·13	25 24 28 22 21
40 41 42 43 44	0.51004 0.51029 0.51054 0.51079 0.51104	0·42 0·42 0·42	1.70761 1.70782 1.70803 1.70824 1.70846	0.85 0.85 0.85 0.85 0.87 0.85	0-59297 0-59886 0-59876 0-59415 0-59454	0.65 0.67 0.65 0.65 0.67	1.77308 1.77332 1.77361 1.77390 1.77418	0·48 0·48 0·48 0·47 0·48	1-16259 1-16279 1-16299 1-16319 1-16339	0-88 0-88 0-88 0-88	0.00548 0.00558 0.06558 0.06565 0.06578	0·12 0·18 0·12 0·13	20 19 18 17 16
45 46 47 48 49	0.51129 0.51154 0.51179 0.51204 0.51229	$0.42 \\ 0.42$	1.70867 1.70888 1.70909 1.70931 1.70952		0.59494 0.59533 0.59578 0.59612 0.59651	0.65 0.67 0.65 0.65 0.67	1.77447 1.77476 1.77505 1.77583 1.77562	0-48 0-47	1-16359 1-16380 1-16400 1-16420 1-16440	0-85 0-88 0-88 0-88 0-88	0-06580 0-06588 0-06595 0-06608 0-06610	0·13 0·12	15 14 18 12
50 51 52 53 54	0.51254 0.51279 0.51304 0.51329 0.51354	0·42 0·42 0·42 0·42 0·42	1.70973 1.70994 1.71015 1.71036 1.71058	0.85 0.85 0.87	0.59691 0.59780 0.59770 0.59809 0.59849	0.65 0.67 0.65 0.67 0.65	1.77591 1.77619 1.77648 1.77677 1.77706	0·47 0·48 0·48 0·48	1-16460 1-16481 1-16501 1-16521 1-16541	88.0 88.0 88.0 88.0	0.06618 0.06625 0.06633 0.06640 0.06648	1	10 9 8 7 6
55 57 58 59	0.51379 0.51404 0.51429 0.51454 0.51479	0·42 0·42 0·42 0·42 0·42	1.71079 1.71100 1.71121 1.71142 1.71163	0.35 0.35 0.35 0.85	0.59888 0.59928 0.59967 0.60007 0.60048	0.67 0.65 0.67 0.65 0.67	1.77784 1.77768 1.77701 1.77820 1.77849	0.48 0.47 0.48 0.48	1-16562 1-16582 1-16602	0-88 0-88 0-88 0-88	0-06656 0-06668 0-06671 0-06678 0-06686	0·12 0·13 0·12 0·13 0·12	5 4 8 2 1
60	0.51504		T-71184	Distance on the Section 2008	0.60086	Namber and American Street, or and	1.77877	Oran protopyrous	1-16068		0 06693	1200	0
	Cos.	D. 1".	Log Cos.	D, 1".	Cot.	D. 1",	Log Cat.	D, 1",/	Coseo,	D. 1".	Log Cosec.	D. 1",	1

1 1	CIGO.		1227 7 7				-1101		~	CIK	LUC	· · ·	21
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.51504	0.42	1.71184	0.35		0.67	$\overline{1}$.77877	0.48	1.16663	0.35	0.06693	0.13	60
1	0.51529	0.42	1.71205	0.35	0.60126	0.65	1.77906	0.48	1.16684	0.33	0.06701	0.13	59
2 3	0.51554 0.51579	$0.42 \\ 0.42$	$\frac{1}{1}$.71226 $\frac{1}{1}$.71247	$0.35 \\ 0.35$	0.60165	$0.67 \\ 0.67$	$\frac{1.77935}{1.77963}$	0·47 0·48	1.16704 1.16725	$0.35 \\ 0.33$	0.06709 0.06716	$0.12 \\ 0.13$	58 57
4	0.51604	0.40	$\frac{1}{1}$.71268	0.35	0.60245	0.65	$\frac{1}{1}$.77992	0.47	1.16745	0.35	0.06724		56
5	0.51628	0.42	T·71289	0.35	0.60284	0.67	1·78020	0.48	1.16766	0.33	0.06731	0.13	55
6	0.51653	0.42	<u>1</u> ·71310	0.35	0.60324	0.67	$\overline{1}$ ·78049	0.47	1.16786	0.33	0.06739	0.13	54
7	0.51678	0.42	1.71331	0.35	0.60364	0.65	1.78077	0.48	1.16806	0.35	0.06747	0.12	53
8	0.51703 0.51728	$\begin{array}{c} 0.42 \\ 0.42 \end{array}$	1.71352 1.71373	$0.35 \\ 0.33$	0.60403	0·67 0·67	$\frac{1.78106}{1.78135}$	0·48 0·47	1.16827 1.16848	0.35 0.33	0.06754 0.06762	0·13 0·13	52 51
10	0.51753	0.42	T·71393		0.60483	0.65	T·78163	0.48	1.16868	0.35	0.06770	0.12	50
11	0.51778	0.42	1.71414	0.35	0.60522	0.67	$\frac{1}{1}$.78192	0.47	1.16889	0.33	0.06777	0.13	49
12	0.51803	0.42	1.71435	0.35	0.60562	0.67	$\bar{1}$:78220	0.48	1.16909	0.35	0.06785	0.13	48
13	0.51828	0.40	1.71456	0.35	0.60602	0.67	1.78249	0.47	1.16930	0.33	0.06793	0.12	47
14	0.51852	0.42	1.71477	0.35	0.60642	0.65	T·78277	0.48	1.16950	0.35	0.06800	0.13	46
15	0.51877	$0.42 \\ 0.42$	T·71498 T·71519	0·35	0.60681 0.60721	$0.67 \\ 0.67$	$\frac{1.78306}{1.78334}$	0·47 0·48	1.16971 1.16992	$0.35 \\ 0.33$	0.06808 0.06816	$0.13 \\ 0.12$	45
16 17	$0.51902 \\ 0.51927$	0.42	1.71519	0.35	0.60761	0.67	1.78363	0.47	1.17012	0.35	0.06823	0.12	43
18	0.51952	0.42	1.71560		0.60801	0.67	$\frac{1}{1}$.78391	0.47	1.17033	0.35	0.06831	0.13	42
19	0.51977	0.42	T·71581	0.35	0.60841	0.67	1.78419	0.48	1.17054	0.35	0.06839	0.12	41
20	0.52002	0.40	1.71602	0.33	0.60881	0.67	1.78448	0.47	1.17075	0.33	0.06846	0.13	40
21	0.52026	0.42	1.71622 1.71643		0.60921	0.65 0.67	1.78476 1.78505	0·48 0·47	1.17095	$0.35 \\ 0.35$	0.06854 0.06862	$0.13 \\ 0.12$	39
$\frac{22}{23}$	0.52051	$0.42 \\ 0.42$	1.71043		0.61000	0.67	1.78533	0.48	1.17116 1.17137	0.35	0.06869	0.13	37
24	0.52101	0.42	1.71085		0.61040	0.67	1.78562	0.47	1.17158	0.33	0.06877	0.13	36
25	0.52126	0.42	1.71705	0.35	0.61080	0.67	1.78590	0.47	1.17178	0.35	0.06885	0.12	35
20	0.52151	0.40	1.71726		0.61120	0.67	T.78618	0.48	1.17199	0.35	0.06892	0.13	34
27	0.52175	0.42	1.71747	0.33	0.61160	0.67	1.78647	0.47	1.17220	0.35	0.06900	0.13	33
28	0.52200	0.42	1.71767 1.71788	0.35 0.35	0.61200 0.61240	0.67	1.78675 1.78704	0.48	1.17241 1.17262	0·35 0·35	0.06908 0.06916	$0.13 \\ 0.12$	$\begin{vmatrix} 32 \\ 31 \end{vmatrix}$
20	0.52225	0.42			1	0.67		0.47	i		•		1 1
30 31	0.52250 0.52275	$0.42 \\ 0.40$	I·71809 I·71829	0.33 0.35	0.61280 0.61320	0·67 0·67	I·78732 I·78760	0·47 0·48	1.17283 1.17304	$\begin{array}{c} 0.35 \\ 0.35 \end{array}$	0.06923 0.06931	$0.13 \\ 0.13$	30
32	0.52299		1.71850		0.61360	0.67	1.78789	0.47	1.17325	0.35	0.06939	0.13	28
33	0.52324		T.71870	0.35	0.61400	0.67	1.78817	0.47	1.17346	0.35	0.06947	0.12	
34	0.52349	0.42	1.71891	0.33	0.61440	0.67	1.78845	0.48	1.17367	0.32	0.06954	0.13	26
35	0.52374		T-71911	0.35	0.61480	0.07	1.78874	0.47	1.17388	0.35	0.06962	0.13	25
36	0.52399 0.52428	$0.40 \\ 0.42$	1.71932	0·33 0·35	0.61520 0.61561	0.68	T·78902 T·78930	0.47	1.17409	0.35	0.06970	0.13	
37 38	0.52448	0.42	1.71952 1.71973	0.85	0.61601	0.67 0.67	$\frac{1}{1}$.78959	0·48 0·47	1.17430 1.17451	$0.35 \\ 0.35$	0.06978 0.06986	$0.18 \\ 0.12$	23 22
89	0.52478	0.42	Ī·71994	0.88	0.61641	0.67	1.78987	0.47	1.17472	0.35	0.06993	0.13	21
40	0.52498	0.40	1.72014	0.33	0.61681	0.67	T.79015	0.47	1.17493	0.35	0.07001	0.13	20
41	0.52522	0.42	T·72034	0.35	0.61721	0.67	I-79043	0.48	1.17514	0.35	0.07009	0.13	19
42	0.52547	0.42	1.72055	0.33	0.61761	0.67	1.79072 1.79100	0.47	1.17535	0.35	0.07017	0.12	
48 44	0.52572 0.52597	$0.42 \\ 0.40$	1.72075 1.72096	0·35 0·33	0.61801	0.68 0.67	1.79100	0·47 0·47	1·17556 1·17577	$0.35 \\ 0.35$	0.07024 0.07032	$0.13 \\ 0.13$	17 16
45	0.52621	0.42	T.72116	0.35	0.61882	0.67	T-79156	0.48	1.17598	0.37	0.07040	0.13	15
46	0.52646	0.42	1.72137	0.33	0.61922	0.67	$\frac{1}{1}$.79185	0.47	1.17620	0.37	0.07048	0.13	14
47	0.52671	0.42	1.72157	0.33	0.61962	0.68	1.79213	0.47	1.17641	0.35	0.07056	0.13	13
48	0.52696	0.40	T-72177	0.35	0.62003	0.67	1.79241	0.47	1.17662	0.35	0.07064	0.12	
49	0.52720	0.42	T-72198	0.33	0.62043	0.67	T-79269	0.47	1.17683	0.35	0.07071	0.13	11
50 51	0.52745	0·42 0·40	1.72218 1.72238	0·38 0·35	0.62088 0.62124	0.68 0.67	1.79297 1.79326	0·48 0·47	1·17704 1·17726	$0.37 \\ 0.35$	0.07079 0.07087	$0.13 \\ 0.13$	10
52	0.52794	0.42	1.72259	0.33	0.62164	0.67	1.79354	0.47	1.17747	0.35	0.07095	0.13	8
53	0.52819	0.42	1.72279	0.33	0.62204	0.68	1.79382	0.47	1.17768	0.37	0.07103	0.13	7
54	0.52844	0.42	1.72299	0.35	0.62245	0.67	T·79410	0.47	1.17790	0.32	0.07111	0.13	6
55	0.52869	0.40	I-72320	0.33	0.62285	0.67	T.79438	0.47	1.17811	0.35	0.07119	0.12	5
56 57	0.52898 0.52918	$0.42 \\ 0.42$	$\frac{1.72340}{1.72360}$	0.83 0.35	0.62325	0·68 0·67	$\frac{1.79466}{1.79495}$	0·48 0·47	1.17832 1.17854	$\begin{array}{c} 0.37 \\ 0.35 \end{array}$	0·07126 0·07134	$0.13 \\ 0.13$	3
58	0.52943	0.42	1.72381	0.38	0.62406	0.67	T.79523	0.47	1.17875	0.35	0.07142	0.13	2
59	0.52967	0.42	1.72401	0.33	0.62446	0.68	Ī·79551	0.47	1.17896	0.37	0.07150	0.13	ī
60	0.52992		1.72421		0.62487		T·79579		1.17918		0.07158		0
	Сон.	D. 1".		D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec	. D. 1".	
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32	1 1/1	GO.	MOTATI	لللانا		- I. (THUI		10 00		TOTAL I	~UG;	D.
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Hec.	1), 1",	Log Sec.	D. 1".	
0 1 2	0.52992 0.53017 0.53041	0·42 0·40 0·42	1.72421 1.72441 1.72461	0.33 0.33 0.35	0.62487 0.62527 0.62568	0.67 0.68 0.67	1·79579 1·79607 1·79635	0·47 0·47 0·47	1-17918 1-17939 1-17961	0·35 0·37 0·35	0.07158 0.07166 0.07174	0.18	60 59 58
3 4	0.53066 0.53091 0.53115	0·42 0·40	1.72482 1.72502 1.72522	0.33 0.33 0.33	0.62608 0.62640 0.62689	0.68 0.67 0.68	1.79663 1.79691 1.79719	0.47 0.47 0.47	1.17982 1.18004 1.18025	0·37 0·35 0·37	0.07182 0.07190 0.07197	0·13 (57 58
6 7 8	0.53140 0.53164 0.53189	0·40 0·42 0·42	$\begin{array}{c} 1.72542 \\ 1.72562 \\ 1.72582 \end{array}$	0.33	0.62730 0.62770 0.62811	0.67 0.68 0.68	1.79747 1.79776 1.79804	0:48 0:47 0:47	1-18047 1-18068 1-18090 1-18111	0.35 0.37 0.38	0.07205 0.07213 0.07221	0·13 0·13 0·13	54 58 52
10 11	0.53238 0.53263	$0.42 \\ 0.42$	1.72602 1.72622 1.72643 1.72663	0·35 0·33	0.62852 0.62892 0.62933 0.62978	0.67 0.68 0.67 0.68	1.79832 1.79860 1.79888 1.79916	0.47 0.47 0.47 0.47	1-18133 1-18155 1-18176	0.37 0.37 0.35 0.37	0.07220 0.07237 0.07245 0.07253	0·13 8	51 50 49
12 13 14 15		0·42 0·40	1.72683 1.72703 1.72723	0.33 0.33	0.63014 0.63055 0.63095	0.68 0.67 0.68	1.79944 1.79972 1.80000	0-47 0-47 0-47	1-18198 1-18220 1-18241	0 37 0 35 0 37	0-07261 0-07269 0-07277	0.13	48 47 46 45
16 17 18	1	$0.42 \\ 0.40 \\ 0.42$	1.72743 1.72763 1.72783 1.72803	0:33 0:33 0:33	0-63136 0-63177 0-63217 0-63258	0.68 0.67 0.68 0.68	1-80028 1-80058 1-80084 1-80112	0-17 0-17 0-17 0-17	1-18263 1-18285 1-18307 1-18328	0 37 0 37 0 35 0 37	0 07285 0 07293 0 07301 0 07309	0·13 0·13 0·18	44 48 42 41
20 21 22 23 24	0.53484 0.53509 0.53534 0.53558 0.53583	0·42 0·40 0·42	1.72828 1.72848 1.72863 1.72883 1.72902	0·33 0·32	0.63299 0.63340 0.63380 0.63421 0.63462	0.68 0.68 0.68 0.68	1-80140 80108-1 60108-1 1-80228-1 1-80251	0 47 0 15 0 17 0 47 0 47	1-18350 1-18372 1-18394 1-18446 1-18437	0 37 0 37 0 37 0 35 0 35	0 07317 0 07325 0 07333 0 07341 0 07349	0·18 0·18 0·18	40 39 38 37 36
25 26 27 28 29	0.53607 0.53632 0.53656 0.53681 0.53705	0·42 0·40 0·42 0·40 0·42	1.72022 1.72942 1.72962 1.72982 1.73009	0.83 0.88 0.83	0 63503 0-63544 0-63584 0-63625 0-63666	0.68 0.68 0.68 0.68	1-80279 1-80307 1-80335 1-80363 1-80391	0 47 0 47 0 47 0 47 0 47	1 18459 1 18481 1 18583 1 18585 1-18547	0 37 0 37 0 37 0 37 0 37	0 07357 0 07365 0 07373 0 07381 0 07389	0·13 0·13 0·13 0·13	85 34 83 82 81
30 31 32 33 34		0·40 0·42 0·42 0·40 0·40	1.78022 1.78041 1.78061 1.78081 1.78101	0.32 0.33 0.33 0.33 0.83	0.68789 0.68880	80-0 80-0 80-0 80-0 80-0	1-80419 1-80447 1-80474 1-80509 1-80580	0 47 0 45 0 47 0 17 0 47	1 18569 1 18591 1 18613 1 18685 1 18687	0 37 0 37 0 37 0 37 0 37	0 07397 0 07405 0 07413 0 07421 0 07429	0·18 0·18 0·13	80 29 28 27 26
35 36 37 38 39	0.53853 0.53877 0.53902 0.53926 0.53951		1.78121 1.78140 1.78160 1.78180 1.78200	0.88 0.88	0.63912 0.63953 0.63994 0.64035 0.64076	80.0 80.0 80.0 80.0 80.0	1-80558 1-80586 1-80614 1-80642 1-80669	0 47 0 47 0 47 0 45 0 45	1 1879 1 1879 1 18723 1 18745 1 18767	0 37 0 37 0 37 0 37 0 38	0 07437 0 07445 0 07454 0 07452 0 07470	0·15 0·13 0·13	25 24 23 22 21
40 41 42 48 44	0.53975 0.54000 0.54024 0.54049 0.54073	0·42 0·40 0·42 0·40 0·40	1.78219 1.78239 1.78259 1.78278 1.78298	0·83 0·82		88-0 80-0 80-0 80-0 80-0	1-80607 1-80753 1-80753 1-80781 1-80808	0.47 0.47 0.47 0.45 0.45	1 1 87 90 1 1 8 8 1 2 1 1 8 8 3 1 1 8 8 5 1 1 8 8 7	78 0 78 0 78 0 78 0 88 0	0 07478 0 07486 0 07494 0 07502 0 07510	0·18 0·18 0·18 0·18	20 19 18 17 16
45 46 47 48 40	0.54097 0.54122 0.54146 0.54171 0.54195	0.42 0.40 0.42 0.40 0.42	1.78318 1.78387 1.78357 1.78377 1.78396	0.88 0.88	0-64322 0-64363 0-64404	0-68 0-68 0-68 0-68	1-80886 1-80864 1-80892 1-80919	0 47 0 47 0 45 0 47	1 18901 1 18923 1 18915 1 18967	0 37 0 37 0 37 0 38	0 07518 0 07527 0 07535 0 07548	0·15 0·13 0·13 0·13	15 14 18 12
50 51 52 58	0.54220 0.54244 0.54269 0.54293	0·40 0·42 0·40 0·40	1.78416 1.78485 1.78455 1.78474	0.82 0.88	0.64528 0.64569	0.68 0.68 0.70 0.68	1-80947 1-80975 1-81003 1-81030 1-81038	0 47 0 45 0 45 0 47 0 47	1 18990 1 19012 1 19034 1-19057 1-19079	0 37 0 37 82 0 72 0 82 0	0 07551 0 07559 0 07567 0 07575 0 07584	1	11 10 9 8 7
54 55 56 57	0.54317 0.54342 0.54360 0.54391	0·42 0·40 0·42 0·40	1.73494 1.73513 1.73533 1.73552	0.82 0.88 0.82	0.64698 0.64784 0.64775	0.68 0.68 0.70	1-81086 1-81118 1-81141	0·45 0·47 0·47	1-19103 1-19134 1-19146	0 37 0 37 0 38	0 07592 0 07600 0 07608	0·13 0·13 0·13	6 5 4
58 59 60	0.54415 0.54440 0.54484	0.42	1.73572 1.73572 1.78591 1.78611	0.82 0.88	0.64817 0.64858 0.64899 0.64941	0.68 0.68 0.70	1.81169 1.81196 1.81224 T.81262	0.45 0.47 0.47	1 19169 1-19191 1-19214 1 19286	0 37 0 38 0 37	0.07616 0.07624 0.07623 0.07641	0·13 0·15 0·13	3 1 0
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	I), 1",	Log Cot.	D. 1".	the production and displace the	D. 1".	Log Conce.	D, 1".	71113888
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							TIOI	10 (<u> </u>	CIK	LUG	· .	33
,	Sinc.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.54464	0.40	1·73611	0.32	0.64941	0.68	$\overline{1}$ ·81252	0.45	1.19236	0.38	0.07641	0.13	60
$egin{array}{c} 1 \\ 2 \end{array}$	0.54488 0.54513	$0.42 \\ 0.40$	$\frac{1.73630}{1.73650}$	$0.33 \\ 0.32$	0.64982	0.70	1.81279	0.47	1.19259	0.37	0.07649	0.13	59
3	0.54537	0.40	1.73669	0.33	0.65024 0.65065	0·68 0·68	$\frac{1.81307}{1.81335}$	0·47 0·45	1.19281 1.19304	0·38 0·38	0·07657 0·07665	0·13 0·15	58 57
4	0.54561	0.42	$\bar{1}.73689$	0.32	0.65106	0.70	$\frac{1}{1}.81362$	0.47	1.19327	0.37	0.07674	0.13	56
5	0.54586	0.40	1.73708	0.32	0.65148	0.68	Ī·81390	0.47	1.19349	0.38	0.07682	0.13	55
6	0.54610	0.42	1.73727	0.33	0.65189	0.70	1.81418	0.45	1.19372	0.37	0.07690	0.13	54
8	0.54635 0.54659	$0.40 \\ 0.40$	$\overline{1}$:73747 $\overline{1}$:73766	0.32	0.65231	0.68	1.81445	0.47	1.19394	0.38	0.07698	0.15	53
9	0.54683	0.42	1.73785	$\begin{array}{c} 0.32 \\ 0.33 \end{array}$	0.65272 0.65314	0·70 0·68	$\frac{1.81473}{1.81500}$	0·45 0·47	1.19417 1.19440	0·38 0·38	0·07707 0·07715	0·13	52 51
1.0	0.54708	0.40	T·73805	0.32	0.65355	0.70	T·81528	0.47	1.19463	0.37	0.07723	0.13	50
17	0.54732	0.40	1.73824	0.32	0.65397	0.68	1.81556	0.45	1.19485	0.38	0.07731	0.15	49
12	0.54756	0.42	1.73843	0.33	0.65438	0.70	<u>1</u> ·81583	0.47	1.19508	0.38	0.07740	0.13	48
$\begin{array}{c c} 13 \\ 14 \end{array}$	0.54781	0.40	T.73863	0.32	0.65480	0.68	<u>1</u> .81611	0.45	1.19531	0.37	0.07748	0.13	47
	0.54805	0.40	1.73882	0.32	0.05521	0.70	1.81638	0.47	1.19553	0.38	0.07756	0.15	46
15 16	0.54829 0.54854	$0.42 \\ 0.40$	1.78901 1.73921	0.33 0.32	0.65563	0.68 0.70	1.81666 1.81693	0·45 0·47	1.19576 1.19599	0·38 0·38	0.07765	0.13	45
17	0.54878	0.40	1.73940	0.32	0.65646	0.70	$\frac{1.81093}{1.81721}$	0.45	1.19622	0.38	0.07773 0.07781	$0.13 \\ 0.13$	44
18	0.54902	0.42	1.73959	0.32	0.65688	0.68	1.81748	0.47	1.19645	0.38	0.07789	0.15	42
19	0.54927	0.40	1.73978	0.32	0.65729	0.70	T·81776	0.45	1.19668	0.38	0.07798	0.13	41
20	0.54951	0.40	T.73997	0.33	0.65771	0.70	Ī·81803	0.47	1.19691	0.37	0.07806	0.13	40
21 22	0.54975	0·40 0·42	1.74017 1.74036	0.32	0.65813	0.68	1.81831	0.45	1.19713	0.38	0.07814	0.15	39
23	0.55024	0.40	1.74055	$0.32 \\ 0.32$	0.65854 0.65896	0·70 0·70	1.81858 1.81886	0·47 0·45	1.19736 1.19759	$\begin{array}{c} 0.38 \\ 0.38 \end{array}$	0.07823 0.07831	$0.13 \\ 0.13$	38 37
24	0.55048	0.40	1.74074	0.32	0.65938	0.70	Ī·81913	0.47	1.19782	0.38	0.07839	0.15	36
25	0.55072	0.42	I.74093	0.33	0.65980	0.68	ī·81941	0.45	1.19805	0.38	0.07848	0.13	35
26	0.55097	0.40	1.74113	0.82	0.66021	0.70	<u>1</u> ·81968	0.47	1.19828	0.38	0.07856	0.13	34
27	0.55121	0.40	1.74132	0.32	0.66063	0.70	1.81996	0.45	1.19851	0.38	0.07864	0.15	33
28 29	0.55145	0·40 0·42	I·74151 1·74170	0·32 0·32	0.66105 0.66147	0·70 0·70	$\frac{1.82023}{1.82051}$	0·47 0·45	1·19874 1·19897	0·38 0·38	0.07873 0.07881	$0.13 \\ 0.13$	$\begin{vmatrix} 32 \\ 31 \end{vmatrix}$
30	0.55194	0.40	I.74189	0.32	0.66189	0.68	T-82078	0.47	1.19920	0.40	0.07889	0.15	30
31	0.55218	0.40	1.74208	0.32	0.66230	0.70	1.82106	0.45	1.19944	0.38	0.07898	0.13	29
82	0.55242	0.40	1.74227	0.82	0.66272	0.70	1.82133	0.47		0.38	0.07906	0.13	28
83	0.55266	0.42	1.74246	0.82	0.66314	0.70	1.8 2 161	0.45	1.19990	0.38	0.07914	0.15	27
84	0.55291	0.40	1.74265	0.32	0.66326	0.70	1.82188	0.45	1.20013	0.38	0.07923	0.13	26
35 86	0.55315	0.40	T·74284 T·74303	$0.32 \\ 0.32$	0.66398 0.66440	0·70 0·70	T-82215 T-82243	0·47 0·45	1.20036 1.20059	0.88 0.40	0.07931 0.07940	$0.15 \\ 0.13$	25 24
87	0.55368	0.42	1.74322	0.32	0.66482	0.70	$\frac{1}{1} \cdot 82270$	0.47	1.20083	0.38	0.07948	0.13	23
88	0.55388	0.40	1.74341	0.82	0.66524	0.70	1.82298	0.45	1.20106	0.38	0.07956	0.15	22
39	0.55412	0.40	1.74360	0.82	0.66266	0.70	T·82325	0.45	1.20129	0.38	0.07965	0.13	21
40	0.55486	0.40	1.74379	0.32	0.66608	0.70	I-82352	0.47	1.20152	0.40	0.07973	0.15	20
41	0.55460	().4()	T·74398 1·74417	$0.32 \\ 0.32$	0.66650	0·70 0·70	1.82380 1.82407	0·45 0·47	1.20176 1.20199	0·38 0·38	0.07982 0.07990	$0.13 \\ 0.13$	10 18
42	0.55484	0.42	I.74436	0.32	0.66692 0.66734	0.70	T-82435	0.45	1.20222	0.40	0.07998	0.15	17
44	0.55583	0.40	1.74455	0.82	0.66776	0.70	T·82462	0.45	1.20246	0.38	0.08007	0.18	16
45	0.55557	0.40	I.74474	0.82	0.66818	0.70	1.82489	0.47	1.20269	0.38	0.08015	0.15	15
46	0.55581	0.40	I.74493	0.32	0.06860	0.70	1.82517	0.45	1.20292	0.40	0.08024	0.13	
47	0.55630	0.42	T·74512 T·74581	$0.32 \\ 0.30$	0.66902 0.66944	0·70 0·70	1.82544 1.82571	0·45 0·47	1	0·38 0·40	0.08032 0.08041	$0.15 \\ 0.13$	13
48 49	0.55684	0.40	I.74549	0.82	0.66986	0.70	Î-82599	0.45	1.20368	0.38	0.08049		
50	0.55678	0.40	T.74568	0.82	0.67028	0.72	1.82626	0.45	1.20386	0.40	0.08058	0.13	10
51	0.55702	0.40	T-74587	0.32	0.67071	0.70	<u>1</u> ·82653	0.47	1.20410	0.38	0 ·08066	0.15	9
52	0.55726	0.40	I-74606	0.82	0.67118	0.70	T-82681	0.45	1.20433	0.40	0.08075	0.13	8
53	0.55750	0.42	T-74625	0.32	0.67155	0·70 0·70	1.82708 1.82735	0.45 0.45	1.20457 1.20480	0.88 0.40	0.08083 0.08092	0·15 0·15	6
54	0.55775	0.40	1.74644	0.30	0.67197			0.47	1.20504	0.88	0.08100	0.15	1
55 56	0.55799	0.40	T·74662 T·74681	$0.82 \\ 0.32$	0.67239 0.67282	0·72 0·70	1.82762 1.82790	0.47	1.20504	0.40	0.08100	0.13	5 4
57	0.55847	0.40	I.74700	0.32	0.67324	0.70	1.82817	0.45	1.20551	0.40	0.08117	0.15	3
58	0.55871	0.40	T.74719	0.80	0.67866	0.72	1.82844	0.45		0.88	0.08126	0.13	
59	0.55895	0.40	I.74737	0.32	0.67409	0.70	1·82871	0.47	1.20598	0.40	0.08134	0.15	1
60	0.55919		T.74756		0.67451		T-82899		1.20622		0.08148		0
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0 0.0500.4	4	0.56016	0.40	1.74831	0.32	0.67620	0.72	1.87009	į		0.08133	0.13	56
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7 0-66008	•		-			0.67705		1.83062	0.45 1.2076	0.40	0.08194		
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12 0.66280		0.56184	0.40	1.74961	0.32	0.67917	0.72				0.08237	0.13	49
13 0-66232			0.40		0.32	0.67980	0.70	1-83225	0 45 11 20907	0.40	0.08245	0.15	
14 0-56286 0-40 1-75017 0-32 0-80048 0-72 1-83280 0-46 1-20055 0-40 0-08287 0-16 45 16 0-560305 0-40 1-75054 0-32 0-68088 0-70 1-83337 0-46 1-20077 0-40 0-08287 0-16 45 17 0-56329 0-40 1-75073 0-30 0-68178 0-70 1-83337 0-46 1-20077 0-40 0-08287 0-18 45 19 0-56327 0-40 1-75140 0-30 0-68178 0-70 1-83337 0-46 1-20077 0-40 0-08288 0-15 45 19 0-56327 0-40 1-75140 0-30 0-68178 0-72 1-83337 0-46 1-20077 0-40 0-08288 0-15 45 19 0-56327 0-40 1-75140 0-30 0-68288 0-72 1-83338 0-46 1-20057 0-40 0-08288 0-15 45 19 0-56327 0-40 1-75147 0-30 0-68828 0-72 1-83347 0-45 1-21075 0-40 0-08340 0-15 45 19 0-50 0-40 1-75147 0-30 0-68348 0-72 1-83470 0-45 1-21075 0-40 0-08340 0-15 45 19 0-50 0-40 1-75147 0-30 0-68828 0-72 1-83470 0-45 1-21147 0-40 0-08340 0-15 37 19 0-15 0-68429 0-40 1-75147 0-30 0-68828 0-72 1-83470 0-45 1-21147 0-40 0-08340 0-15 37 19 0-15 0-68429 0-70 1-83524 0-45 1-21147 0-40 0-08340 0-15 37 19 0-15 0-68429 0-70 1-83524 0-45 1-21147 0-40 0-08340 0-15 37 19 0-15 0-68429 0-70 1-83524 0-45 1-21147 0-40 0-08340 0-15 37 19 0-15 0-688129 0-70 1-83525 0-45 1-21147 0-40 0-08340 0-15 38 19 0-68645 0-40 1-75292 0-32 0-68819 0-70 1-83525 0-45 1-21147 0-40 0-08340 0-15 38 19 0-68658 0-40 1-75292 0-32 0-68815 0-72 1-83551 0-45 1-21147 0-40 0-08340 0-15 38 19 0-68658 0-40 1-75294 0-32 0-68815 0-72 1-83551 0-45 1-21147 0-40 0-08340 0-15 38 19 0-68650 0-40 1-75254 0-32 0-68865 0-72 1-83562 0-45 1-21254 0-40 0-08347 0-15 38 38 0-65073 0-40 1-75254 0-32 0-68865 0-72 1-83562 0-45 1-21254 0-40 0-08347 0-15 38 38 0-65073 0-45 1-75350 0-30 0-68864 0-72 1-83563 0-45 1-21245 0-40 0-08345 0-15 38 38 0-65073 0-45 1-75350 0-30 0-68864 0-72 1-83563 0-45 1-21245 0-40 0-08457 0-15 38 38 0-65073 0-40 1-75458 0-30 0-68865 0-72 1-83578 0-45 1-21457 0-40 0-08458 0-15 38 38 0-65073 0-40 1-75458 0-30 0-68865 0-72 1-83578 0-45 1-21457 0-40 0-08458 0-15 38 38 0-65073 0-40 1-75458 0-30 0-68865 0-72 1-83578 0-45 1-21457 0-40 0-08458 0-15 38 38 0-65073 0-40 1-75458 0-30 0-68865 0-72 1-83578 0-45 1-21457 0-40 0-08458 0-15 38 38 0-65073 0-40 1-75458 0-30						0.68002	0.72	1-83252	$-0.47 \cdot 1.20931$	0.40	-0.08254	0.13	
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\$\begin{array}{cccccccccccccccccccccccccccccccccccc	29	0.00017	0.40	TALDWARE	(1, (1.9)	บานสมสม			1			4.10	04
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82 0.56689 0.40 \$\bar{T}5586\$ 0.80 0.68814 0.72 1.83788 0.41 1.21414 0.40 0.04427 0.13 2.3 0.56736 0.40 \$\bar{T}5386} 0.80 0.68807 0.72 1.83782 0.45 1.21414 0.40 0.04427 0.13 2.7 85 0.56760 0.40 \$\bar{T}75486} 0.80 0.68800 0.72 1.83786 0.45 1.21487 0.40 0.08444 0.16 2.8 86 0.56808 0.40 \$\bar{T}75440\$ 0.80 0.68928 0.72 1.83936 0.45 1.21541 0.40 0.8444 0.16 2.2 89 0.56880 0.40 1.75496 0.30 0.69171 0.72 1.83987 0.45 1.21540 0.42 0.04488 0.15 2.1 40 0.56880 0.40 1.755496 0.30 0.69286 0.72 1.84038 0.45 1.21640 0.42 0.04488 0.15 1.8 <	81	0.56665	0.40	1.75331	0.82	0.68771	0.72	1 88740	0 47 1 21 3A?	0.10	0.08408	0.15	29
83 0.56713 0.38 T.75868 0.30 0.68867 0.72 1.83795 0.45 1.21414 0.40 0.08427 0.13 27 34 0.56736 0.40 T.75805 0.30 0.68900 0.70 1.83823 0.45 1.21403 0.40 0.08435 0.15 26 35 0.56760 0.40 T.75405 0.30 0.68942 0.72 1.83876 0.45 1.21487 0.40 0.08453 0.15 28 36 0.56874 0.40 T.75401 0.30 0.69028 0.72 1.83930 0.41 1.21511 0.40 0.08462 0.13 28 38 0.56850 0.40 1.75450 0.30 0.69071 0.72 1.83930 0.41 1.21560 0.40 0.08470 0.15 21 40 0.56880 0.40 1.75514 0.82 0.69200 0.72 1.84984 0.41 1.21560 0.42 0.08488 0.15 13 <td></td> <td>0.56689</td> <td>0.40</td> <td>T-75350</td> <td>0.30</td> <td>0.68814</td> <td>0.72</td> <td>1 83768</td> <td>0.45.1.21351</td> <td>0.42</td> <td>0.08418</td> <td>0.15</td> <td>28</td>		0.56689	0.40	T-75350	0.30	0.68814	0.72	1 83768	0.45.1.21351	0.42	0.08418	0.15	28
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\$\frac{85}{60.56780} \text{0.40}{0.40} \frac{1.75405}{1.75442} \text{0.30}{0.68985} \text{0.72}{0.72} \frac{1.83849}{1.8370} \text{0.45}{0.45} \qq \qqu													
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44 0-56970 0-40 1-75569 0-30 0-69329 0-72 1 84092 0 45 1 21682 0 42 0 08523 0-13 16 6 0-57000 0-40 1-75587 0-30 0-69872 0-73 1 84119 0 45 1 21707 0 40 0 08531 0-15 15 46 0-57024 0-38 1-75605 0-32 0-69416 0-72 1 84146 0 45 1 21731 0 42 0 08540 0-15 14 47 0-57047 0-40 1-75642 0-30 0-69450 0-72 1 84173 0 45 1 21736 0 42 0 08540 0-15 13 48 0-57071 0-40 1-75642 0-30 0-69802 0-72 1 84200 0 45 1 21781 0 40 0 08558 0-15 13 49 0-57095 0-40 1-75660 0-30 0-69868 0-72 1 84207 0-45 1 21805 0-42 0 08558 0-15 12 15 0 0-57149 0-40 1-75678 0-30 0-69588 0-72 1 84207 0-45 1 21805 0-42 0 08575 0-15 10 0-57148 0-40 1-75696 0-30 0-69681 0-73 1 84200 0-45 1 21805 0-42 0 08575 0-15 10 0-57148 0-40 1-75696 0-30 0-69681 0-73 1 84200 0-45 1 21805 0-42 0 08575 0-15 10 0-57148 0-40 1-75738 0-30 0-69675 0-72 1 84307 0-45 1 21856 0-40 0 08584 0-15 3 5 0-57151 0-40 1-75738 0-30 0-6975 0-72 1 84307 0-45 1 21856 0-40 0 08583 0-15 8 5 0-57215 0-38 1-75751 0-30 0-69761 0-72 1 84301 0-45 1 21858 0-42 0 08602 0-15 7 5 0-57215 0-38 1-75751 0-30 0-69761 0-72 1 84301 0-45 1 21858 0-40 0 08611 0-13 6 5 0-57238 0-40 1-75787 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08602 0-15 7 5 0-57262 0-40 1-75787 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08612 0-15 7 5 0-57262 0-40 1-75787 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08612 0-15 8 5 0-57286 0-40 1-75823 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08618 0-15 8 5 0-57380 0-40 1-75831 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08618 0-15 8 5 0-57380 0-40 1-75841 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08618 0-15 8 5 0-57380 0-40 1-75841 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08618 0-15 8 5 0-57380 0-40 1-75841 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08618 0-15 8 5 0-57380 0-40 1-75841 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08618 0-15 8 5 0-57380 0-40 1-75841 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08618 0-15 8 5 0-57380 0-40 1 1-75841 0-30 0-69804 0-72 1 84381 0-45 1 21858 0-42 0 08618 0-15 8 0-57380 0-40 1 0-60858 0-15 1 84582 0-45 1 21858 0-45 0 08664 0-15													
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	45				0.80	0.69872	0.73	1.84119	0 45 1 21707	0.40	ម មានទំនាវ	0.15	15
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	46	0.57024	0.88	1.75605	0.82	0.09410		1 84146			0.08540	0.15	14
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		0.57047	0.40										1
49 0.57095 0.40 T.75660 0.80 0.69545 0.72 I 84227 0.45 I 21805 0.42 0.8567 0.13 11 50 0.57119 0.40 T.75678 0.80 0.69588 0.73 I 84254 0.43 I 21830 0.42 0.8575 0.15 10 0.57148 0.40 T.75696 0.80 0.69681 0.73 I 84280 0.45 I 21855 0.40 0.8584 0.15 9 52 0.57167 0.40 T.75714 0.82 0.60675 0.72 I 84307 0.45 I 21855 0.40 0.8584 0.15 9 52 0.57167 0.40 T.75783 0.80 0.69718 0.73 I 84384 0.45 I 21804 0.42 0.8503 0.15 8 58 0.57191 0.40 T.75781 0.80 0.69718 0.73 I 84384 0.45 I 21804 0.42 0.8503 0.15 8 50 0.57215 0.88 T.75751 0.80 0.69710 0.72 I 84384 0.45 I 21828 0.40 0.8602 0.15 7 56 0.57288 0.40 T.75769 0.80 0.69804 0.72 I 84388 0.45 I 21858 0.42 0.8602 0.15 7 56 0.57262 0.40 T.75787 0.80 0.69804 0.72 I 84388 0.45 I 21858 0.42 0.8611 0.15 5 56 0.57286 0.40 T.75805 0.80 0.69804 0.72 I 84342 0.45 I 21858 0.42 0.8628 0.15 4 57 0.57280 0.40 T.75835 0.80 0.69847 0.73 I 84442 0.45 I 21858 0.42 0.8637 0.15 3 58 0.57310 0.40 T.75841 0.80 0.69977 0.73 I 84449 0.45 I 22053 0.40 0.8654 0.15 3 59 0.57884 0.40 T.75841 0.80 0.69977 0.73 I 84498 0.45 I 22053 0.40 0.8655 0.15 1 60 0.57858 T.75859 0.70021 T.84523 1 22077 0.08664 0.08665			0.40										1 1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						0.69545	0.79						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1	í				•			1				4
52 0.57167 0.40 1.75714 0.32 0.69675 0.72 1.84307 0.46 1.21879 0.42 0.8583 0.15 8 58 0.57191 0.40 1.75783 0.80 0.69718 0.73 1.84344 0.45 1.21904 0.42 0.8602 0.15 7 54 0.57215 0.38 1.75751 0.30 0.69761 0.72 1.84361 0.45 1.21904 0.42 0.8602 0.15 7 55 0.57238 0.40 1.75769 0.80 0.69804 0.72 1.84388 0.45 1.21953 0.42 0.8619 0.15 5 56 0.57262 0.40 1.75787 0.30 0.69847 0.73 1.84415 0.45 1.21953 0.42 0.8619 0.15 5 57 0.57286 0.40 1.75805 0.30 0.69847 0.73 1.84415 0.45 1.21953 0.42 0.8628 0.15 4 58 0.57310 0.40 1.75823 0.30 0.69891 0.72 1.84442 0.45 1.21953 0.42 0.8637 0.15 3 58 0.57310 0.40 1.75823 0.30 0.69934 0.73 1.84496 0.45 1.22053 0.42 0.8634 0.15 3 59 0.57334 0.40 1.75841 0.30 0.69977 0.73 1.84496 0.45 1.22053 0.40 0.8655 0.15 1 60 0.57358 1.75859 0.70021 1.84523 1.22053 0.40 0.8655 0.15 1													
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54 0.57215 0.38 1.75751 0.30 0.69761 0.72 1.84361 0.46 1.21929 0.40 0.08611 0.13 6 55 0.57238 0.40 1.75769 0.80 0.69804 0.72 1.84388 0.45 1.21953 0.42 0.08619 0.15 5 56 0.57262 0.40 1.75787 0.30 0.69847 0.78 1.84415 0.46 1.21958 0.42 0.0628 0.15 4 57 0.57280 0.40 1.75825 0.30 0.69847 0.72 1.84442 0.46 1.22028 0.42 0.06347 0.15 3 58 0.57310 0.40 1.75823 0.30 0.69934 0.73 1.84489 0.45 1.22028 0.40 0.06044 0.15 3 50 0.57838 1.75859 0.70021 1.84523 1.22077 0.0664 0				1.75714									
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1			1.75788		0.09718	0.73		0.45 1.21904	0142	o oscoz	0.15	7
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	54	0.57215	0.38	1.75751	0.30	0.09761	0.72	1.84361	0.45 1 21920	0.40	0 08611	0.13	6
56 0.67262 0.40 1.75787 0.30 0.69847 0.73 1.84415 0.46 1.21978 0.42 0.0628 0.15 4 57 0.57286 0.40 1.75805 0.30 0.69891 0.72 1.84442 0.45 1.22003 0.42 0.06937 0.15 3 58 0.57310 0.40 1.75823 0.30 0.69934 0.73 1.84499 0.45 1.22028 0.42 0.0644 0.15 3 59 0.57384 0.40 1.75841 0.30 0.69977 0.73 1.84496 0.45 1.22033 0.40 0.0665 0.15 1 60 0.57358 1.75859 0.70021 1.84523 1.22077 0.0664 0	1 KK	0.57288	0.40		0.80	ļ			1				1
57 0.57286 0.40 1.75805 0.30 0.69891 0.72 1.84442 0.45 1.22002 0.42 0.9637 0.15 3 58 0.57810 0.40 1.75823 0.30 0.69934 0.72 1.84489 0.45 1.22028 0.42 0.9644 0.15 2 59 0.57834 0.40 1.75841 0.30 0.69977 0.73 1.84498 0.45 1.22033 0.40 0.9665 0.15 1 60 0.57858 1.75859 0.70021 1.84523 1.22077 0.08664 0													\$.
58 0.57310 0.40 1.75823 0.80 0.69984 0.72 1.84489 0.45 1.22028 0.42 0.08044 0.15 2 59 0.57834 0.40 1.75841 0.80 0.69977 0.73 1.84498 0.45 1.22032 0.40 0.0665 0.15 1 60 0.57858 1.75859 0.70021 1.84523 1.22077 0.08664 0													
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Transport of the Control of the Cont	60	0.57858		T.75859		0.70021		T 84523	1 92077	1	0 08664		10
Cos. D. 1". Log Cos. D. 1". Cot. D. 1". Log Cot. D. 1". Cones. D. 1". Log Cusse. D. 1".	innegument	Magnicularismos Francisco		Manuferanta assessment with the	disease expressions	STATES THE PROPERTY OF STREET	terrosenosenoregos no-	entropy a Y		4 971195	94	Serger From the telephone State Control	77000
		U08.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cat.	D. 1", Campe.	D. 1".	Long Current	a. 1), 1".	

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ONOMETRICAL FUNCTIONS & THEIR LOGS. 35°

10.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
358 381 405 429	0·38 0·40 0·40 0·40	T.75859 T.75877 T.75895 T.75913	0·30 0·30 0·30 0·30	0.70021 0.70064 0.70107 0.70151	0.72 0.72 0.73 0.72	$\overline{1.84523}$ $\overline{1.84550}$ $\overline{1.84576}$ $\overline{1.84603}$	0·45 0·43 0·45 0·45	1.22077 1.22102 1.22127 1.22152	$0.42 \\ 0.42 \\ 0.42 \\ 0.42$	0.08672	0·13 0·15 0·15 0·15	60 59 58 57
453 477 501	0·40 0·40 0·38 0·40	T·75931 T·75949 T·75967 T·75985	0·30 0·30 0·30 0·30	0.70194 0.70238 0.70281 0.70325	0.73 0.72 0.73	I·84630 I·84657 I·84684	0·45 0·45 0·45	1.22177 1.22202 1.22227	$0.42 \\ 0.42 \\ 0.42$	0.08699 0.08708 0.08717	0·15 0·15 0·15	56 55 54
524 548 572 596	0.40 0.40 0.40	I.76003 I.76021 I.76039	0·30 0·30 0·30	0.70328 0.70368 0.70412 0.70455	0.72 0.73 0.72 0.73	I·84711 I·84738 I·84764 I·84791	0·45 0·45 0·45	$ \begin{array}{c} 1 \cdot 22252 \\ 1 \cdot 22277 \\ 1 \cdot 22302 \\ 1 \cdot 22327 \end{array} $	$0.42 \\ 0.42 \\ 0.42 \\ 0.42$	0.08726 0.08734 0.08743 0.08752	0·13; 0·15 0·15	53 52 51 50
619 643 667 691	0·40 (0·40) 0·40 0·40	1.76057 1.76075 1.76093 1.76111	0·30 0·30 0·30	0.70499 0.70542 0.70586 0.70629	0.72 0.73 0.72 0.73	Ī·84818 Ī·84845 Ī·84872 Ī·84899	0·45 0·45 0·45 0·43	$\begin{array}{c} 1.22352 \\ 1.22377 \\ 1.22402 \\ 1.22428 \end{array}$	$0.42 \\ 0.42 \\ 0.43 \\ 0.42$	0.08761 0.08770 0.08779 0.08788	0·15 0·15 0·15 0·15	49 48 47 46
715 738 762 786 810	0·38 0·40 0·40 0·40 0·38	1.76129 1.76146 1.76164 1.76182 1.76200	0·28 0·30 0·30 0·30 0·30	0.70673 0.70717 0.70760 0.70804 0.70848	0·73 0·72 0·73 0·73 0·72	Ī·84925 Ī·84952 Ī·84979 Ī·85006 Ī·85033	0·45 0·45 0·45 0·45 0·43	$\begin{array}{c} 1.22453 \\ 1.22478 \\ 1.22503 \\ 1.22528 \\ 1.22554 \end{array}$	0·42 0·42 0·42 0·43 0·42	0.08797 0.08806 0.08815 0.08824 0.08833	0·15 0·15 0·15 0·15 0·15	45 44 43 42 41
833 857 881 904 928	0·40 0·40 0·38 0·40 0·40	1.76218 1.76236 1.76253 1.76271 1.76289	0.30 0.28 0.30 0.30	0.70891 0.70935 0.70979 0.71023 0.71066	0·73 0·73 0·73 0·72 0·73	I.85059 I.85086 I.85113 I.85140 I.85166	0·45 0·45 0·45 0·43 0·45	1.22579 1.22604 1.22629 1.22655 1.22680	0·42 0·42 0·43 0·42 0·43	0.08842 0.08851 0.08859 0.08868 0.08877	0·15 0·15 0·15 0·15	40 39 38 37 36
952 976 999 023 047	0.40 0.38 0.40 0.40 0.38	T.76307 T.76324 T.76342 T.76360 T.76378	0·28 0·30 0·30 0·30 0·28	0·71110 0·71154 0·71198 0·71242 0·71285	0·78 0·78 0·78 0·72 0·73	I.85193 I.85220 I.85247 I.85273 I.85300	0.45 0.43 0.45 0.45 0.45	$\begin{array}{c} 1.22706 \\ 1.22731 \\ 1.22756 \\ 1.22782 \\ 1.22807 \end{array}$	0·42 0·42 0·43 0·42 0·43	0.08886 0.08895 0.08904 0.08913 0.08922	0·15 0·15 0·15 0·15 0·15	35 34 33 32 31
1070 1094 1118 1141 165	0.40 0.40 0.88 0.40 0.40	1.76395 1.76418 1.76481 1.76448 1.76466	0·30 0·30 0·28 0·30 0·30	0·71829 0·71878 0·71417 0·71461 0·71505	0·73 0·73 0·73 0·73 0·73	T·85827 T·85354 T·85380 T·85407 T·85434	0.45 0.43 0.45 0.45 0.43	$\begin{array}{c} 1.22833 \\ 1.22858 \\ 1.22884 \\ 1.22909 \\ 1.22935 \end{array}$	0·42 0·43 0·42 0·43 0·42	0.08931 0.08940 0.08949 0.08958 0.08967	0·15 0·15 0·15 0·15 0·17	30 29 28 27 26
1189 3212 3286 3260 3283	0·38 0·40 0·40 0·88 0·40	f.76484 1.76501 f.76519 f.76587 T.76584	0.28 0.30 0.30 0.28 0.30	0·71549 0·71593 0·71637 0·71681 0·71725	0·73 0·78 0·78 0·73 0·73	T-85460 1-85487 T-85514 T-85540 T-85567		1.22960 1.22986 1.23012 1.23037 1.23063	0·43 0·42 0·48	0.08977 0.08986 0.08995 0.09004 0.09018	0·15 0·15 0·15 0·15 0·15	25 24 23 22 21
8307 8330 8354 8378 8401	0.38 0.40 0.40 0.38 0.40	T.76572 T.76590 T.76697 T.76625 T.76642	0.30 0.28 0.30 0.28 0.30	0.71769 0.71813 0.71857 0.71901 0.71946	0·73 0·73 0·73 0·75 0·78	I.85594 I.85620 I.85647 I.85674 I.85700	$0.45 \\ 0.43$	1.23089 1.23114 1.23140 1.23166 1.23192	0·43 0·43 0·43	0.09022 0.09031 0.09040 0.09049 0.09058	0·15 0·15 0·15 0·15 0·15	20 19 18 17 16
3425 3449 3472 3496 3519	0·40 0·38 0·40 0·38 0·40	1.76660 1.76677 1.76695 1.76712 1.76730	0.30 0.28 0.30	0.71990 0.72084 0.72078 0.72122 0.72167	0·78 0·78 0·78 0·75 0·78	I·85727 I·85754 I·85780 I·85807 I·85834	0·43 0·45 0·45	1.23269 1.23295	0·43 0·43 0·43	0.09067 0.09076 0.09085 0.09094 0.09104	0·15 0·15 0·15 0·17 0·15	15 14 13 12 11
8543 8507 8590 8614 8637	0.38 0.40 0.88	T-76747 T-76765 T-76782 T-76800 T-76817	$0.28 \\ 0.30 \\ 0.28$	0·72211 0·72255 0·72299 0·72844 0·72388	0.78 0.75 0.73	I.85860 I.85887 I.85913 I.85940 I.85967	0·43 0·45 0·45	$\begin{array}{ c c c c c }\hline 1.23373\\ 1.23398\\ 1.23424\\\hline\end{array}$	0·42 0·43 0·43	0.09113 0.09122 0.09131 0.09140 0.09149	0·15 0·15 0·15 0·15 0·15	10 9 8 7 6
4661 4684 4708 4781 4755	0·40 0·38 0·40	1.76835 1.76852 1.76870 1.76887 1.76904	0·30 0·28 0·28	0.72482 0.72477 0.72521 0.72565 0.72610	0·73 0·73 0·75	I.85998 I.86020 I.86046 I.86078 I.86100	0·43 0·45 0·45	$\begin{array}{r} 1.23502 \\ 1.23529 \\ 1.23555 \end{array}$	0.45 0.48 0.43	0.09186	0·17 0·15 0·15 0·15 0·15	2
3779	gagagasta v. e. at. 2017 Par	T.76922		0.72654		T-86126		1.23607		0.09204 Log Cosec	T) 1"	0
os.	D, 1",	Log Cos.	ມ, 1".	Cot.	D. I''.	Log Cot.	D. 1".	. Cosec.	υ	TOR COREO	1.1	F 40

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,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. I".	Log Tan.	D. 1".	Sec.	D, 1".	Log Sec.	D. 1".
0	0.58779	0.88	T-76922	0.28	0.72654	0.75	1.86126	0.45	1.23607	0.43	0.09204	0.15 60
	0.58802	0.40	1.76939	0.30	0.72699	0.73	1.80153	0.43	1.23633	0.43	0.09213	0.17 50
	0.58826	0.38	1.76957	0.28	0.72743	0.75	1.86179	0.45	1.23659	0.43	0.09223	0.15 58
- 1	0.58849	0.40	T.76974	0.28	0.72788	0.73	1.86206	0.43	1.23685	0.43	0.09232	0.15 57
	0.58873	0.38	1.76991	0.30	0.72832	0.75	1.86232	0.45	1.23711	0.45	0.09241	0.15 56
5	0.58896	0.40	T.77009	0.28	0.72877	0.73	1.86259	0.43	1:23738	0.43	0.09250	0.15 55
- 1	0.58920	0.38	1.77026	0.28	0.72921	0.75	1.86285	0.45	1.23764	0.43	0.09259	0.17 54
	0.58943	0.40	1.77043	0.30	0.72966	0.73	1.86312	0.43	1-23790	0.43	0.09209	0.15 58
• 1	0.58967	0.38	1.77061	0.28	0.73010	0.75	1.80338	0.45	1.23818	0.45	0.09278	
**	0.58990	0.40	1.77078	0.28	0.78055	0.75	1.86365	0.45	1-23843	0.43	0.09287	0.15 51
- 1			1.77095	0.28	0.73100	0.73	1.86392	0.43	1.23869	0.43	0.09296	
1	0.59014	0.38	1.77112	0.30	0.73144	0.75	1.80418		1.23895	0.45	0.09306	
	0.50037	0.40	1.77130	0.28	0.73189	0.75	1.88445		1-23922	0.48	0.09315	
	0.59061	0.38		0.28	0.73234	0.73	1.88471		1-23948	0.45	0.09324	
- "	0.59084	0.40	1.77147 1.77164	0.28	0.73278	0.75	1.86498		1-23975	0.43	0.09833	
14	0.59108	0.38										- 1
15	0.59131	0.38	1.77181	0.30	0.73323	0.75	1-86594	(1-47)	1 21001	0.45	0.09343	
16	0.59154	() (4()	1.77109	0.28	0.73368	0.75	1.86551		1-24028	0.43	0.09352	
17	0.59178	0.38	1.77216	0.58	0.73413	0.73	1.80577		1-24054	0.45	0.09361	0.15 48
18	0.59201	$() \cdot 4()$	1.77233	0.28	0.73457	0.75	1.86603		1 24081	11-43	0.09370	
9	0.59225	0.88	1.77250	0.30	0.78502	0.75	1-86630	0.43	1-24107	0.45	0.09380	0.15 41
0.5	0.59248	0.40	1.77268	0.28	0.78547	0.75	1.86655	0.45	1 24134	0.43	0.09389	0.15 40
	0.59272	0.38	1.77285	0.28	0.73592	0.75	1.86683	0.43	1 24160	0.45	0-09398	
	0.59205	0.38	1.77302	0.28	0.73637	0.73	1.86709		1.24187	0.43	0.00408	
	0.59318	0.40	1.77319	0.28	0.73681	0.75	1.86730	0.43	1 21213	0.45	0 09117	
	0.59343	0.38	1.77336	0.28	0.73726		1.86702	11-45	1:21210	0.45	0.09426	
					i	0.75	1-86789	0.43	1 24267	0.43	0-09135	
	0.59365		1.77853	0.28	0.73771		1.86815	0.45	1 24293	0.45	0.000145	
86	0.59389		1.77370	0.28	0.73816	0.75				0.45		
37	0.59413	0.40	1.77387	0.80	0.73861	0.75	1.86842	0.43	1-254320		0.09154	1
8	0.59436		1.77405	0.28	0.73906	0.75	1/86868	0.43	1 24347	$0.43 \\ 0.45$	0.09473	
39	0.59459	0.38	1.77422	0.28	0.73951	0.75	1-86894	0.45				
30	0.59482	0.40	1.77439	0.28	0.73996	0.75	1.86921	0.43	1.24400	0.45	0.09482	
31	0.59506		1.77456	0.28	0.74041	0.75	1:80947	មានជំ	1 (2) 1427	0.45	0.09494	
32	0.59529		1.77473	0.28	0.74086	0.75	1 86974	0 13	1 -224 4 5 4	0.45	0.09501	
33	0.59552		1.77490	0.28	0.74131	0.75	1.87000	0.45	1 24481	0.45	0.09510	
34	0.59576		1.77507	0.28	0.74176	0.75	1.87027	11.43	1/24503	0 43	0.000520	0.15 20
35	0.59590	0.38	1.77524	0.28	0.74221	0.77	1-87053	0.43	1/24534	0.45	0.09529	0.15 20
30 36	0.59622		1.77541	0.28	0.74207	0.75	1.87079	0.45	1-24561	0.45	0.09538	
37	0.59646		1.77558		0.74312		1.87100	0.43	1.24588	0.45	0.09548	
38	0.00000		1.77575		0.74357		1.87132	0.43	1 24615	11-4.5	0.09557	
30	0.59693		1.77692		0.74402		1-87158	0.45	1 21642	11 45	นอนสมส	
. {												1
10	0.59716		1.77609		0.74447		1.87185	0.43	1-24668	0.45	0.09576	
11	0.59739		1.77626		0.74492		1.87211	11 45	1 -24634	0.45	0.09585	
2	0.59763		1.77648		0.74538		I-HTUNH	0.48	1 21723	0.45	0.09595	
18	0.59786		1.77660		0.74583		1-87264	11-42	1.24750	0.45	0.00004	
14	0.59809	0.38	1.77077		0.74628	0.77	1.87290	0 45	1.24777	0.45	0.08914	1
15	0.59882	0.40	1.77694	0.28	0.74674	0.75	1.87317	0.43	1-24304	0 47	០ ០១៨១៦	
6	0.59856		1.77711		0.74719		1.87343	0.43	1 24532	0 45	u oneng	0.17 1
7	0.59879		1.77728		0.74764		1-87369	0.45	1.24359	0.45	0.09642	0.15 1
18	0.59902		1.77744				1.87396			0.45	ម មេមាភ្យ	
9	0.59026		1.77761		0.74855		1.87422	0.43	1 24912	0.45	មានមន្តិ	0.15 1
			1.77778		0.74900		1-87448		1 24940	0 45		0 17 1
0.0	0.59949		1.777795		1		1.87475		1 24947	0.47	o opist	
51	0.59972		1.77812				1.87501		1-24995	11.45	than in	
52			1.77829				1.87527		1 25022	41-45	0.0202	
58	0.80019				1						0.09702	
54	0.60042		1.77840		0.75082		1-87554		1.32049	0 47	-	
55	0.60065		1.77862		0.75128		1.87580		1.25077	0 44	0 0971	
56	0.60089		1.77879				1.87606		1.25104	0 45	0.0972	
57	0.60112						I synaa		1 25121	0.47	0.0973	
.,	0.60185						1.87659	0.43	-1 25159	(1-12)	0.0974	
		A. 40	1.77980	0.27	0.75310	0.75	1.87685	0.43	1 23186	0 47	0 0975	0.15
58 59	0.60158	3 0.40	T.11000	, , ,,								
58 59	1				1							-
58	0.60158 0.60182 Ces.	}	1.77940 Log Coa	STATE OF SECURITY STATES	0.75858	,	I-87711	magning many many	1 25214 Come.		0-0976	Si .

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ONOMETRICAL FUNCTIONS & THEIR LOGS. 37°

			-					~ ~ ~ .	T-7T/	. LUG	.	JI
ю.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
182	0.38	1.77946	0.28	0.75355	0.77	Ī·87711	0.45	1.25214	0.45			
205	0.38	1.77963	0.28	0.75401	0.77	$\frac{1}{1}$.87738		1.25214 1.25241	$0.45 \\ 0.47$	0.09765 0.09775	0·17 0·15	60
228	0.38	1.77980	0.28	0.75447	0.75	1.87764		1.25269	0.45	0.09784	0.17	59 58
257	0.38	1.77997	0.27	0.75492	0.77	1.87790		1.25296	0.47	0.09794	0.15	57
274	0.40	1.78013	0.28	0.75538	0.77	1.87817	0.43	1.25324	0.45	0.09803	0.17	56
308	0.38	1.78030	0.28	0.75584	0.75	I-87843	0.43	1.25351	0.47	0.09813	0.15	55
321	0.38	1.78047	0.27	0.75629	0.77	$\bar{1}$ 87869	0.43	1.25379	0.45	0.09822	0.17	54
$\frac{344}{367}$	0.88 0.88	1.78063 1.78080	0·28 0·28	0.75675	0.77	1.87895		1.25406	0.47	0.09832	0.15	53
390	0.40	1.78097	0.27	0.75721	0·77 0·75	1.87922		1.25434	0.47	0.09841	0.17	52
114	0.38	1.78113				T-87948		1.25462	0.45	0.09851	0.17	51
437	0.38	1.78130	0·28 0·28	0.75812 0.75858	0.77	1.87974		1.25489	0.47	0.09861	0.15	50
160	0.38	1.78147	0.27	0.75004	$0.77 \\ 0.77$	$\frac{1.88000}{1.88027}$		1.25517	0.47	0.09870	0.17	49
183	0.38	1.78163	0.28	0.75950	0.77	1.88053		1.25545 1.25572	$0.45 \\ 0.47$	0.09880	0.15	48
506	0.38	1.78180	0.28	0.75996	0.77	1.88079		1.25600	0.47	0·09889 0·09899	0·17 0·17	47
529	0.40	1.78197	0.27	0.76042	0.77	T-88105						1
553	0.38	1.78218	0.28	0.76088	0.77	I-88131	1. 1	1.25628 1.25656	$0.47 \\ 0.45$	$0.09909 \\ 0.09918$	$0.15 \\ 0.17$	45
576	0.38	1.78230	0.27	0.76134	0.77	Î-88158		1.25683	0.47	0.09928	0.17	44
599	0.38	1.78246	0.28	0.76180	0.77	1.88184		1.25711	0.47	0.09937	0.17	42
322	0.88	1.78263	0.28	0.76226	0.77	T·88210	0.43	1.25739	0.47	0.09947	0.17	41
645	0.38	1.78280	0.27	0.76272	0.77	T-88236	0.43	1.25767	0.47	0.09957	0.15	40
668	0.38	1.78296	0.28	0.76318	0.77	1.88262	0.45	1.25795	0.47	0.09966	0.17	39
691 - 714	0.38	1.78318	0.27	0.76364	0.77	1.88289	0.43	1.25823	0.47	0.09976	0.17	38
714 738	0·40 0·38	1.78329 1.78346	0.28	0.76410	0.77	1.88315	0.43	1.25851	0.47	0.09986	0.15	37
-			0.27	0.76456	0.77	1.88341	0.43	1.25879	0.47	0.09995	0.17	36
761	0.38	1.78362	0.28	0.76502	0.77	1.88367	0.43	1.25907	0.47	0.10005	0.17	35
784 807	0.38 0.38	1.78379 1.78395	0.27 0.28	0.76548 0.76594	0.77	1.88393 1.88420	0.45	1.25935	0.47	0.10015	0.15	34
830	0.88	1.78412	0.27	0.76640	0·77	1.88446	0.43	1.25963 1.25991	0·47 0·47	0.10024 0.10034	$0.17 \\ 0.17$	33 32
888	0.38	1.78428	0.28	0.76686	0.78	T-88472	0.43	1.26019	0.47	0.10034	0.15	31
876	0.38	1.78445	0.27	0.76733	0.77	T.88498	0.43	1.26047	0.47	0.10053	0.17	30
899	0.88	1.78461	0.28	0.76779	0.77	1.88524	0.43	1.26075	0.48	0.10063	0.17	29
022	0.38	1.78478	0.27	0.76825	0.77	T-88550	0.45	1.26104	0.47	0.10073	0.15	28
945	0.38	1.78494	0.27	0.76871	0.78	I 88577	0.43	1.26132	0.47	0.10082	0.17	27
968	0.38	1.78510	0.28	0.76918	0.77	1.88603	0.43	1.26160	0.47	0.10092	0.17	26
100	0)(0)	1.78527	0.27	0.76964	0.77	T.88629	0.43	1.26188	0.47	0.10102	0.17	25
15	0.38	1.78543	0.28	0.77010	0.78	I-88655	0.43	1.26216	0.48	0.10112	0.15	24
038	0.38	1.78560	0.27	0.77057	0.77	Ĩ·88681	0.43	1.26245	0.47	0.10121	0.17	23
100	0.38	1.78576	0.27	0.77103	0.77	1.88707	0.43	1.26273	0.47	0.10131	0.17	22
184	0.88	1.78592	0.28	0.77149	0.78	1.88733	0.43	1.26301	0.48	0.10141	0.17	21
107	0.38	1.78609	0.27	0.77196	0.77	T-88759	0.45	1.26330	0.47	0.10151	0.15	20
130 153	0:88 0:88	$\frac{1.78625}{1.78642}$	$0.28 \\ 0.27$	$0.77242 \\ 0.77289$	0·78 0·77	1.88786 1.88812	0·43 0·43	1.26358 1.26387	0·48 0·47	$0.10160 \\ 0.10170$	0·17 0·17	19 18
176	0.88	1.78058	0.27	0.77335	0.78	1.88838	0.43	1.26415	0.47	0.10180	0.17	17
199	0.88	1.78074	0.28	0.77382	0.77	1.88864	0.48	1.26443	0.48	0.10190	0.15	16
222	0.38	1.78691	0.27	0.77428	0.78	T-88890	0.43	1.26472	0.47	0.10199	0.17	15
245	0.88	1.78707	0.27	0.77475	0.77	1.88916	0.43	1.26500	0.48	0.10209	0.17	14
268	0.38	1.78723	0.27	0.77521	0.78	T-88942	0.48	1.26529	0.47	0.10219	0.17	13
291	0.88	1.78789	0.38	0.77568	0.78	T-88968	0.43	1.26557	0.48	0.10229	0.17	12
314	0.88	1.78756	0.27	0.77615	0.77	T-88994	0.43	1.26586	0.48	0.10239	0.15	11
337	0.38	1.78772	0.27	0.77061	0.78	T-89020	0.43	1.26615	0.47	0.10248	0.17	10
300	0.88	1.78788	0.28	0.77708	0.77	T-89046	0.45	1.26643	0.48	0.10258	0.17	
383	0.88	1.78805	0.27	0.77754	0.78	1.89078	0.43	1.26672	0·48 0·47	0·10268 0·10278	$0.17 \\ 0.17$	
406	0·88 0·37	1.78821 1.78837	0.27	0.77801	0·78 0·78	T·89099 T·89125	0.43	1.26701 1.26729	0.48	0.10278	0.17	
429			0.27	0.77848				ì	0.48	0.10298	0.15	1
451	0.88	T-78858	0.27	0.77895	0.77	T-89151 T-89177	0·43 0·43	1.26758 1.26787	0.48	0.10298	0.13	
474 497	0.88 0.88	1.78869 T.78886	0·28 0·27	0.77941	0·78 0·78	T-89203	0.43	1.26815	0.48	0.10317	0.17	
520	0.88	1.78902	0.27	0.78035	0.78	T·89229	0.43	1.26844	0.48	0.10327	0.17	
548	0.88	1.78918	0.27	0.78082	0.78	Ī·89255	0.43	1.26878	0.48	0.10337	0.17	
566		T-78934		0.78129		T·89281		1.26902		0.10347		0
A. 07441150-708	T1 1"	Log Cos.	1) 1//	Cot.	D. 1"	Log Cot.	D. 1"	Cosec.	D. 1".	Log Cosec	D. 1'	, ,
os.	17. L'.	Tog Cos.	17, 1 .	COG.	17.1.	TIME OUR	·	1 00000.				_1

	0.61909		1·79176 1·79192				(-89697	0.43	-27366	0.50	0.10505	0.17	44
	0.61932 0.61955		1.79208			0.78			127396	0.48			48
	0.61978	0.38	f-70224						27425 -27454	0-48 0-48			$\frac{42}{41}$
l	0.62001	0.88	1.79240	0.27		-						1	
1	0.82024		1.79256	~	. ,				27483	0 50 0 48	0:10545 0:10555		40 89
١	0.62046		1.79272				1-89827 1-89863	0.49	27518 -27642	0.50			88 88
1	0.62069		1.79288		0.79164 0.79212		1-89879	0.43	27572	0.48	0.10575		37
1	0.62002		1.79804 1.79819		0.79259		1-89905		1.27001	0.48	0.10585		86
1	0.62115			0.27	0.79306		1.89931	0 43	1 27630	0.50	0.10595	0.17	88
1	0.62138 0.62160		T·79335 T·79351		0.79354		1.89957		27660	0.48	0 10605		34
	0.62183		1.79367	0.27	0.79401		1-89983	0.43	1 27689	0.50	0.10015		88
١	0.62206		C79883	0.27	0.79449		1-90009		1 277 10	0.48	0.10625		82
, [0.62229	0.37	1.79399	0.27	0-79496	0.80	1-90035		1-27748	0 50	0.10636	0.17	3:
,	0.62251	0.38	1.79415	0.27	0.79544	0.78	1.00061		1-27778	0.48	0.10646	0.17	31
١.	0.62274	0.38	1.79431	0.27	0.79591		1.00086		1-27807	0.50	0-10666 0-10666	0.17	2
1	0.62297	0.88	1.79447	0.27	0.79639		1-90112 1-90138		1-27837 1-27867	0.50	0-10676	0.17	2
1	0.62320		T-79463	0.25	0.79886	0·80 0·78	1.00184		1-27896	0.50	0.10686	0.17	2
	0.62342		T-70478				1.90190	1	1 27020	0.50	0-10696	0.17	2
	0.62865	0.38 0.38	T.79494 T.79510	0·27 0·27	$0.79781 \\ 0.79829$	0.80	1.90216		1 27 1156	0.48	0.10706	0.17	2
,	0.62388	0.37	1.79526	0.27	0.79877	0.78	1.90242		1-27985	0.50	0.10716	0.17	2
3	0.62433	0.38	1.79542	0.27	0.79934	0.80	1.90268	0.43	1-28015	0.50	0-10726	0.17	2
)	0.62456	0.38	1.79558	0.25	0.70972	0.80	1-00294	0.48	1-28045	0.50	0-10786	0.17	2
)	0.62479	0.38	T.79573	0.27	0.80020	0.78	1.90320		1 28075	0.50	0 10746	0.17	2
Ĺ	0.62502	0.87	1.79589	0.27	0.80067	0.80	1.00346		1 28105	0.48	0-10756	0.18	1
8	0.62524	0.88	1.79805	0.27	0.80115	0.80	1.90371		1 28104	0 & 0 0 & 0	0-10767	0.17	1
3	0.62547	0·88 0·87	1.79621	0.25	0.80168	0:80 0:78	1-90397 1-90423	0.43	1 28194	0.50	0 10787	0.17	î
*	0.62570							1	1.28224	0.50	0.10797	0.17	1
3	0.62592	0.88	1.79652 1.79668	0·27 0·27	0.80258	0/80 0/80	1.90449 1.90478	0.43	1.28254	0 50	0.10807	0.17	i
7	0.62638	0.37	T-79684	0.25	0.80354	0.80	1.90501		1 28284	0.50	0.10817	0.17	1
ġ	0.62660	0.38	I-79699	0.27	0.80402	0.80	1.90527	0.48	1-28314	0-50	0.10827	0.18	
9	0.02683	0.38	T-79715	0.27	0.80450	0.80	1.90553	0.43	1-28344	ពៈ៦ព	n iosas	0.17	1
0	0.62706	0.37	T-79781	0.25	0.80498	0.80	1-90578	0.43	1-28374	0.50	0-10848	0.17	1
1.	0.62728	0.88	1.79746	0.27	0.80540	0.80	1.90604	0 43	1-28404	0.50	0-10858	0.17	
2	0.62751	0.38	1.79762	0.27	0.80594	08.0	1.90630		1 38434	ម្រូក មក្ស	0-10868	0.17	
8	0.62774	0·37 0·38	1.79778 1.79793	0.25 0.27	0.80642	0.80 0.80	1-90656 1-90682	0.43	1.28495	0 50	0.10888	0.18	
*	1				1		1.90708	0.43	1.28525	0 50	0-10899	0.17	1
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7	0.62864	0.88	1.79840	0.27	0.80884	0.80	1.90759	0.43	1.28585	0.50	0.10919	0.17	
8	0.62887	0.87	1.79856		0.80882	0.80	T 90785	0.43	1.28615	0.52	0.10929	0.18	
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$\begin{array}{c} 37 \\ 0.63766 \\ 0.37 \\ 1.80458 \\ 0.63787 \\ 0.38 \\ 0.63787 \\ 0.38 \\ 0.63787 \\ 0.38 \\ 0.63787 \\ 0.38 \\ 0.63787 \\ 0.38 \\ 0.63787 \\ 0.38 \\ 0.63787 \\ 0.38 \\ 0.63787 \\ 0.38 \\ 0.63787 \\ 0.38 \\ 0.63787 \\ 0.38 \\ 0.63787 \\ 0.38 \\ 0.63810 \\ 0.37 \\ 1.80489 \\ 0.25 \\ 0.82825 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82 \\ 0.82874 \\ 0.82 \\ 0.82 \\ 0.82874 \\ 0.82 \\ $	35	0.63720	0.37	1.80428	0.25	0.82678	0.82	T-91739	0.43	1.29752	0.53	0.11312	0.17	25
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41 0.63854 0.38 1.80519 0.25 0.82972 0.83 1.91893 0.43 1.29940 0.52 0.11874 0.18 19 42 0.63877 0.37 1.80534 0.27 0.83022 0.82 1.91919 0.43 1.29971 0.53 0.11385 0.17 18 43 0.63899 0.38 1.80550 0.25 0.83120 0.82 1.91971 0.42 1.80003 0.52 0.11395 0.18 17 44 0.63922 0.37 1.80560 0.25 0.83169 0.82 1.91971 0.42 1.80066 0.52 0.11466 0.17 16 45 0.63906 0.38 1.80695 0.25 0.83218 0.83 1.92022 0.43 1.80066 0.52 0.11466 0.17 14 47 0.63908 0.37 1.80610 0.25 0.83288 0.82 1.92023 0.43 1.30097 0.53 0.11447 0.17 14 47 0.63008 0.37 1.806525 0.27 0.83317 0.82	30					ì				1				1 6
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		1 -												
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$														
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1			T-80565										
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1					1				Į.	0.52	0.11416	0.18	15
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	•													
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	•			1.80010				1.92048			0.52	0.11437	0.18	13
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				1.80625		0.83317	0.82	1.92073		1.30160				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			0.88		0.25	0.88866	0.82	1.92099	0.43	1.30192	0.52	0.11458	0.18	11
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	50	0.64056	0.87	I-80656	0.25	0.83415	0.83							
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			0.37	1.80671	0.25	0.83465		1.92150						
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$								T.00007						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1	1				i e				1				1
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59 0.64256 0.38 1.80792 0.25 0.83860 0.83 1.92356 0.42 1.30509 0.53 0.11564 0.18 1 60 0.64279 1.80807 0.83910 1.92381 1.30541 0.11575 0														
60 0.64279 T.80807 0.88910 T.92381 1.30541 0.11575 0								T.92356		1				
0.04410	1	1	0.00		V 20	ł								1 1
Cos. D. 1". Log Cos. D. 1". Cot. D. 1". Log Cot. D. 1". Cosec. D. 1". Log Cosec. D. 1".	00	0.64279		CONTRACTOR OF THE PARTY OF THE		-			· ·			·	T> 1"	-
		Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1"	. Cosec.	D. 1″.	Log Cosec), D. I"	1

									···				
,	Sinc.	D. 1"	. Log Sin.	D, 1".	Tun.	1). 1".	. Log Tan	. D. 1'	Sea.	D. 1'	'. Log Sec.	1), 1"	
	0.64279				0.83910				3 1.3054			0.17	60
			1.80822		0.83960				3 1-3057 3 1-3060		3 0-1158)	0.18	59
3			$\frac{1.80837}{1.80852}$		0.84051		1.92458		3 1-3063				.
1			1.80867		0.84108		1.92484		1 1.3066			0.18	
1 6	0.64390	0.37	1.80882	0.25	14118-0		1.92510						1
0			1.80897	0.25	0.84208		1.02535		1 1 3073;		0.11638	0.18	54
8			$1.80912 \\ 1.80927$	0·25 0·25	0.84268		- 1-92561 - 1-92587		1 1 3076 1 1 30791				
9			1.80942	0.25	0.84367		1.92612		1.30829			0·17 0·18	
10	0.84501	0.38	1.80957	0.25	0.84407		1.92638	0.42	1-30861	0.53		0.18	
11			1.80972	0.25	0.84457		1.92663		1.30895		-0.11692	0.17	
$\begin{bmatrix} 12 \\ 13 \end{bmatrix}$			1.80987 1.81002	0.25	0-84507 0-84556		1.92689 1.92718	0.43	1-30921				
14		0.37	1.81017	0.25	0.84600		1.02740	0.43				0.18	
15	0.64612	0.38	1.81032	0.25	0.84656	0.83	1 02766	0.43	1-31022	0.53	0.11734	0.18	
16		0.37	1.81047	0.23	0.84706	0.83	1.02702	0.42			0.11745	0.18	
117		0.37	$1.81061 \\ 1.81076$	0.25 0.25	0.84756 0.84806	0.83 0.83	1-02817 1-02848		1.31080		, ,	0.17	
10		0.37	1.81001	0.25	0.84890	0.83	1-92868		1.31151		- 0-11766 - 0-11777	0.18	
20	ł	0.38	1-81106	0.25	0.84906	0.83	1.02804		1 31183		0.11788	0.18	1
21.	0.04746	0.37	1.81121	0.25	0.84956	0.83	1.92920	0.42	1 31216	0.53	0-11709	0.17	
22 28	0.04768	0.37	1.81130	0.25	0-8500G 0-8505 7	0.85	1-03042		1 31248		0.11809	0.18	
24	0.64790	0·37 0·37	1.81151	0.25 0.23	0.85107	0.83 0.83	1.02000	0.43	1 31281		- 0-11820 - 0-11831	0:18 0:18	1
25	0.04884	0.37	1.81180	0.25	0.85157	0.83	1-03022	0.43			0.11842	0.17	36
26	0.64856	0.37	1.81195	0.25	0.85207	0.83	1.93048	0.42			0.11852	0.18	35
27	0.64878	0.38	7.81510	0.25	0.85257	0.85	1.03073		1 31 11 1	0.53	0.11803	0.18	38
28 29	0.64901	0·37 0·37	1.81226	0.25	80868-0 86868-0	0.83 0.83	1-93099 1-93124		1-31443	86 0 88 0	$0.11874 \\ 0.11885$	0.18	32
30	0.64945	0.37	1.81254	0.25	0.85408	0.83	1-93150		1-31509	0.53	0-11895	0.17	31
81	0.04967	0.37	1.81209	0.25	0.85458	0.85	1.93175		1 31541	0.55	0 11906	0.18 0.18	30
32	0.64989	0.37	1.81284	0.25	0.85509	0.83	1-93201		131574	0.55	0 11917	0.18	28
83 84	0.05011	0·37 0·37	1.81200 1.81314	0.25	@88689 @0868.0	0.83 0.85	1-03227 1-03252		1 31007 1 31010	0.55	0 11928	0.18	27 26
35	0.65055	0.37	1.81328	0.25	0.85660	0.83	1-93278		1 31672	Ohh	0-11949	0.18	1 1
86	0.05077	0.38	1.81343	0.25	0.85710	0.85	1-93303		131705	0.55	0-11960	0.18	25 24
37	0.85100	0.37	1.81358	0.23	0.85761	0.88	Louago		1 31738	0.55	0.11971	0.18	28
38 39	0.65122	0·37 0·37	1.81372 1.81387	0.25	0.85862	0.85 88∙0	1 93354 1 93380		131771	0-55 0-55	0-11989	81.0	22
40	0.65166	0.37	1.81402	1	0.85912	0.85	1-93406		1 31837	បង្	0 12004	0.18	21
41	0.65188	0.37	1.81417		0.85963	0.85	1 93431	043	1-31870	0.55	0.12015	0.18	19
42	0.6210	0.37	1.81431		0.86014	0.83	1.93157		1 3 1 9 0 3	ព-ក្	0.12025	0.18	18
48	0.65232	0·37 0·37	1.81461		0.86064 0.86116	48 0 48-0	1 93482 1-93508		1 31936	ជីជី ម ជីជី ម	0 12036	0.18	17
45	0.65276	0.37	1.81475	- 1	0.86166	0.88	1-93533		1-8gon2	បក់ត	0.12047	0.18	16 15
46	0.05298	0.37	1.81490	0.25	0.86216	0.85	1-03550		1 32035	0.55	0 12069	0.18	14
47	0.65320	0·37 0·37	1.81505 1.81519		0.86267	0.85	1-03584		1 32068	0.55	0.12080	0.18	13
49		0.37	1.81534	0.25	0.86818 0.86868	0-88 0-88	1 93610 1-93636	0.42	1 32134	0 55 0 57	0 12091	0.18	12 11
50	0.65386	0.37	1.81549	(0.86419	0.85	1-93661	0.43		0.55	012113	0-17	
51	0.05408	0.37	1.81503	0.25	0.86470	0.85	1 93087		1-32201	0-55	0 12123	0.18	9
52 53	0.65430	0·37 0·37	1.81578 1.81592		0-86521 0-86579	6B:0	1.93712	0.43	1 32234	0.55	0 12134	0.18	8
54	0.65474	0.37	T-81607		0-86572 0-86623	0:85 0:85	1-93738 1-93763	0.42	1 32267 1 32301	មេង វ មេង៦	0 12145	0 18	7 0
55	0.65496	0.37	T-81022		0-86674	0.85	1.03780	0.42	1-32334	0.57	0 12107	0.18	5
50	0.65518	0.37	T-81636	0.25	0.86725	0.85	1.93814	0.48	1-82368	0.55	0 12178	0.18	4
57	0.65540	0·37 0·37	1.81651		0·86776 0·8682 7	0.85	1.93840	0.42	1.32401	0.55	0 12189	0-18	8
59	0.65584	0.37	T-81080		0.86878	0.85 0.85	1.03865 1.93891	0.43	1.32434	0-87 0-88	0-12200 0-12211	0.18	2
60	0.65606		1.81694		0.86929		T-93916	- ""	1.32501	20 -1141	0.12222		0
dp av	Clen.	D. 1".	Log Cos.	Suprement and supplies	Cot.	Sh. An . Et en ! I f a		, ,,,	P A	T 577	1.5	V 411	
	4. 4.61		COO.	a/1 A 1	4317 B+	2.73 L 4	Log Cot.	17, 1	Carperd,	17. 1".	Log Cosec.	D. 1".	1

ONOMETRICAL FUNCTIONS & THEIR LOGS. 41°

٠.	D.1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	<u>ب. 1″.</u>	Sec.	D. 1".	Log Sec.	D. 1".	
:06	0.37	1.81694	0.25	0.86929	0.85	1.93916	0.43	1.32501	0.57	0.12222	0.18	60
128	0.37	1.81709	0.23	0.86980	0.85	T-93942	0.42	1.32535	0.55	0.12233	0.18	59
550	0.37	1.81723	0.25	0.87031	0.85	1.93967	0.43	1.32568	0.57	0.12244	0.18	58
572	0.37	1.81738	0.23	0.87082	0.85	1.93993	0.42	1.32602	0.57	0.12255	0.18	57
394	0.37	1.81752	0.25	0.87133	0.85	1.94018	0.43	1.32636	0.55	0.12266	0.18	56
110	0·37 0·35	1.81767 1.81781	0.23 0.25	0.87184	0.87	1.94044	0.42	1.32669	0.57	0.12277	0.18	55
738	0.37	1.81796	0.23	0.87287	0·85 0·85	1.94069	0.43	1.32703	0.57	0.12288	0.18	54
81	0.37	1.81810	0.25	0.87338	0.85	1.94095 1.94120	0·42 0·43	1.32737 1.32770	0.55	0.12299	0.18	53
803	0.37	1.81825	0.23	0.87389	0.87	1.04146	0.42	1.32804	0·57 0·57	$0.12310 \\ 0.12321$	$0.18 \\ 0.18$	52 51
125	0.37	1.81839	0.25	0.87441	0.85	1.94171	0.43	1.32838	0.57	0.12332	0.18	50
347	0.37	1.81854	0.23	0.87492	0.85	1.94197	0.42	1.32872	0.55	0.12343	0.18	49
809	0.37	1.81868	0.23	0.87543	0.87	1.94222	0.43	1.32905	0.57	0.12354	0.18	48
891	0.37	1.81882	0.25	0.87595	0.85	1.94248	0.42	1.32939	0.57	0.12365	0.18	47
)13	0.37	1.81897	0.23	0.87646	0.87	1.94273	0.43	1.32973	0.57	0.12376	0.18	46
35	0.35	7.81911	0.25	0.87698	0.85	1.94299	0.42	1.33007	0.57	0.12387	0.20	45
156 78	$0.37 \\ 0.37$	1.81926 1.81940	$0.23 \\ 0.25$	0.87749	0.87	1.94824	0.43	1.33041	0.57	0.12399	0.18	44
100	0.37	1.81955	0.23	0.87852	0.85 0.87	1.94350 1.94375	0·42 0·43	1.33075 1.33109	$0.57 \\ 0.57$	$0.12410 \\ 0.12421$	0.18	43
)22	0.37	1.81969	0.23	0.87904	0.85	1.94401	0.42	1.33143	0.57	0.12421 0.12432	0.18 0.18	42
144	0.37	1.81983	0.25	0.87955	0.87	1.94426	0.43	1.33177	0.57	0.12443	0.18	40
000	0.37	1.81998	0.23	0.88007	0.87	1.04452	0.42	1.33211	0.57	0.12443 0.12454	0.18	39
188	0.35	1.82012	0.23	0.88000	0.85	1.94477	0.43	1.33245	0.57	0.12465	0.18	38
0.0	0.37	1.82026	0.25	0.88110	0.87	1.94503	0.42	1.33279	0.58	0.12476	0.18	37
31	0.37	1.82041	0.23	0.88162	0.87	1.94528	0.43	1.33314	0.57	0.12487	0.20	36
63	0.37	1.82055	0.23	0.88214	0.85	1.94554	0.42	1.33348	0.57	0.12499	0.18	35
75	0.37	1.82069	0.25	0.88265	0.87	1.94579	0.42	1.33382	0.57	0.12510	0.18	34
97	0.35	1.82084	0.23	0.88317	0.87	1.94604 1.94630	0.43	1.33416	0.58	0.12521	0.18	33
218 240	0·37 0·37	1.82008 1.82112	0.23 0.23	0.88369 0.88421	0·87 0·87	1.94655	0·42 0·43	1.33451 1.33485	0·57 0·57	0.12532 0.12543	0.18 0.18	$\begin{array}{c} 32 \\ 31 \end{array}$
262	0.37	1.82120	0.25	0.88473	0.85	1.94681	0.42	1.33519	0.58	0.12554	0.20	30
384	0.37	1.82141	0.23	0.88524	0.87	1.94706	0.43	1.33554	0.57	0.12566	0.18	29
100	0.35	1.82155	0.23	0.88576	0.87	1.94732	0.42	1.33588	0.57	0.12577	0.18	28
327	0.37	1.82169	0.25	0.88628	0.87	1.94757	0.43	1.33622	0.58	0.12588	0.18	27
349	0.37	1.82184	0.23	0.88680	0.87	1.94783	0.42	1.33657	0.57	0.12599	0.18	26
371	0.37	1.82198	0.23	0.88732	0.87	1.94808	0.43	1.33691	0.58	0.12610	0.20	25
393	0.35	1.82212	0.23	0.88784	0.87	1.94834	0.42	1.33726	0.57	0.12622	0.18	24
114 136	0·37 0·37	1.82226 1.82240	0·23 0·25	0.88888	0·87 0·87	1.94859 1.94884	0·42 0·43	1.33760 1.33795	0·58 0·58	0.12633 0.12644	0·18 0·18	23 22
84	0.37	1.82255	0.28	0.88940	0.87	1.94910	0.42	1.33830	0.57	0.12655	0.18	21
180	0.35	1-82269	0.28	0.88992	0.88	T-94935	0.43	1.33864	0.58	0.12666	0.20	20
101	0.37	1.82283	0.23	0.89045	0.87	1.94961	0.42	1.33899	0.58	0.12678	0.18	19
28	0.37	1.82297	0.23	0.89097	0.87	1.94986	0.43	1.33934	0.57	0.12689	0.18	18
145	0.35	1.82311	0.25	0.89149	0.87	1.95012	0.42	1.33968	0.58	0.12700	0.20	17
666	0.87	1.82320	0.23	0.89201	0.87	1.95037	0.42	1.34003	0.58	0.12712	0.18	16
88	0.37	1.82340	0.23	0.89253	0.88	1.95062	0.48	1.34038 1.34073	0·58 0·58	$0.12723 \\ 0.12734$	$0.18 \\ 0.18$	15 14
010	0.3 7 0.35	1.82354 1.82368	0.23 0.23	0.89306	0·87 0·87	1.95088 1.95113	0.42	1.34108	0.57	0.12734 0.12745	0.18	13
132 153	0.37	1.82382	0.23	0.89410	0.88	1.95139	0.42	1.34142	0.58	0.12757	0.18	12
75	0.37	1.82396	0.23	0.89463	0.87	1.95164	0.48	1.34177	0.58	0.12768	0.18	11
197	0.35	1.82410	0.23	0.89515	0.87	T-95190	0.42	1.84212	0.58	0.12779	0.20	10
18	0.37	1.82424	0.25	0.89567	0.88	1.95215	0.42	1.34247	0.58	0.12791	0.18	9
40	0.37	1.82439	0.28	0.89620	0.87	1.95240	0.43	1.34282	0.58	0.12802	0.18	8
62	0.95	1.82453	0.28	0.89072	0.88	1.95266 1.95291	0·42 0·43	1.34317 1.34352	0.58 0.58	0·12813 0·12825	$0.20 \\ 0.18$	7 6
88	0.37	1.82467	0.23	0.89725	0.87			1.34387	0.60	0.12836	0.18	5
105	0.87	1.82481 1.82495	0.23 0.23	0.89777	0.88 0.88	1.95317 1.95342	0.42	1.34423	0.58	0.12847	0.10	4
127 148	0.35 0.37	1.82509	0.28	0.89830	0.87	T-95368	0.42	1.34458	0.58	0.12859	0.18	3
70	0.85	1.82523	0.23	0.89985	0.88	Ī·95393	0.42	1.34493	0.58	0.12870	0.18	2
191	0.37	1.82537	0.23	0.89988	0.87	1.95418	0.43	1.34528	0.58	0.12881	0.20	1
13		T-82551		0.90040		I-95444		1.34563		0.12893		0
	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec.	D.1".	,
-	14-7 6 18- 2					70 ('						400

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42°	IKI	GOI	AOM	TIL	CLCUI	~ 1· C	JNCI		100		T: 11()	LUGS	١.
·	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	7
0	0.66913	0.37	1.82551 1.82565	0·23 0·23	0.90040 0.90093	0·88 0·88	1.95444	$0.42 \\ 0.43$	1.34563 1.34599	0.60 0.58	0·12893 0·12904	0.18 60 0.18 59	
1 2	0.66935	0·35 0·37	1.82579	0.23	0.90146	0.88	1.95495	0.42	1.34634	0.58	0.12915	0.20 58	
3	0.66978	0.35	1.82593	0.23	0.90199	0.87	1.95520	0.42	1.34669	0.58	0.12927	0.18 57	1
4	0.66999	0.37	1.82007	0.23	0.90251	0.88	1.95545	0.43	1.34704	0.60	0.12938	0.20 56	
1 !		0.37	1.82621	0.23	0.90304	0.88	1.95571	0.42	1.34740	0.58	0.12950	0-18 55	۱
6	0.67021	0.35	1.82635	0.23	0.90357	0.88	1.95596	0.43	1-34775	0.60	0.12961	0.18 54	
7	0.67043	0.37	1.82649	0.23	0.90410	0.88	1.95622	0.42	1.34811	0.58	0.12972	0.20 58	3
8	0.67086	0.35	1.82663	0.23	0.90463	0.88	1.95647	0.43	1-34846	0.60	0.12984	0.18 52	2
9	0.07107	0.37	1.82677	0.23	0.90516	0.88	1.05672	0.43	1.84882	0.28	0.12995	0.20 51	ı,
10	0.67129	0.37	T-82091	0.23	0.90569	0.87	1.95698	0.42	1.34917	0.60	0.13007	0.18 50)
11	0.67151	0.35	1.82705	0.23	0.90621	0.88	1.95723	0.42	1-84953	0.68	0.13018	0.20 4)
12	0.67172	0.37	1.82719	0.23	0.90674	0.88	1.95748	0.43	1-34988	0.60	0.13030	0.18 48	
13	0.67194	0.35	1.82733	0.23	0.90727	0.00	1.95774	0.43	1.35024	0.60	0-13041	0.20 47	
14	0.67215	0.37	1.82747	0.53	0.90781	0.88	1.95799	0.43	1.85060	ប្រកួន	0.13053	0.18 40	1
15	0.67237	0.35	1.82761	0.23	0.00834	0.88	1.95825	0.42	1.35095	0.60	0.13064	0.20 4	
16	0.67258	0.37	1.82775	0.22	0.00887	0.88	1.95850	0.42	1:35131	0.60	0.13076	0.18 4	
17	0.67280	0.35	1.82788	0.23	0.90940	0.88	1.05875	0-43	1-35167 1-35203	000 86:0	0·13087 0·13098	0.18 4	
18	0.67301	0.37	1.82802	0.28	0.90993	68.49	1.95901 1.95926	0.43	1.89538	0.00	0.13110	0.20 4:	
19	0.67323	0.32	1.82816	0.23	0.91046	0.88							1
20	0.67344	0.37	1.82830	0.23	0.91099	0.90	f-95952 f-95977	0.42	1-35274	0.60	-0-13121 -0-13133	0.20 40	
21	0.67366	0.35	f.82844	0.23	0.91153	0.88	1.96002	0.43	1 35346	0.60	0.13135	0.20 8	
22	0.67387	0.37	1.82858	0.23	0.91206	0.88	1.00002	0.42	1-35383	0.80	0.13156	0.20 8	
23	0.67409	0.35 0.37	1.82872 1.82885	0·22 0·23	0.91288	0.88	1-96053	0.42	1-33418	0.60	0.13168	0.18 3	
24	0.67480				Į.	0.88	1.96078	0.43	1 35 15 1	0.60	0-13179	0.20 8	1
25	0.67452	0.85	1.82899 1.82913	0.23	0.91366 0.91419	0.86	1-96104	0.42	1 35 190	0.60	0.13191	0.18 3	
26	0.67473	0.37	1.4	0·23 0·23	0.91473	0.88	1-96120	0.13	1-35526	0.60	0.13202	0.20 3	
27 28	0.67495	0.85 0.87	1.82927 1.82941	0.23	0.91526	0.80	1.96155	0.42	1 85562	0.60	0.13214	0.18 3	
29	0.67538	0.35	1.82955	0.22	0.91580	0.88	1.96180	0 42	1.35598	0.60	0-13225	0.20 8	
1	1	0.35	T-82968	0.23	0.91688	0.90	1-96205	0.43	1-35034	0.60	0-13237	0.18 3	١٥
30 31	0.67559	0.37	1.82982	0.23	0.91687	0.88	1-96231		1-35070	មិនពិធី	0/13248	0.20 2	
32	0.67602	0.35	1.82996	0.28	0.91740	0.90	1.96286	0.42	1.85707	0.60	0.13260	0.20 2	8
33	0.67623	0.37	1.88010	0.22	0.91794	0-88	1.00281	0.43	1 35743	0.60	0.13272	0.18 2	
34	0.67645	0.85	1.83028	0.23	0.91847	0.90	1.96307	0 12	1 35779	0.60	0.13283	0.20 2	6
85	0.67666	0.37	1.83037	0.23	0.91901	0.00	1.96332	0.43	1-85815	0.62	0.13295	0.18 2	
36	0.67688	0.35	1.83051	0.23	0.91955	0.88	1.94357	0.43	1-35852	0.60	0.13306	0.20 2	
37	0.07709	0.85	1.83065	0.22	0.92008	0.90	1-90383	0.43	HARAE I	0.60	0.13318		3
88	0.67730	0.37	1.83078	0.23	0.92063	0.90	1 96408	0.42	1-35994	0.63	0 13330		2
39	0.67752	0.35	1.83092	0.23	0.83118	0.90	1-96433	0.43	1-25061	0.00	0 13341	0.20 2	- 1
40	0.67778	0.87	1.83106	0.23	0.92170	0.90	1.96459	0.42	1 35997	0.62	0 13353		0
41	0.67795		1.83120	0.22	0.92224	0.88	1.98484	0.43	1 36034	0 60	0 13365		9
42	0.67816		1.88188	0.23	0.92277	0.90	1.96510	0.42	1 36070	0.60	0 13376 0 13388		8 7
48	0.67837		1.88147 1.83161	0.23	0.92382 0.92382	0.90	1.965560	0.43	1 30143	0 03	0.18400		ò
44	0.67859			0.22	1						0-13411	- 1	5
4.5	0.67880		1.83174	0.28	0.92489	0.90	1-96586 1-96611	0 42	1 36180 1 36217	0 62	0.13411		4
46	0.67901		1.83188 1.83202	0·23 0·22	0.92498	0.90	1.96686		1-36253	0.62	0-13435	0.18 1	
47 48	1 - 1 - 1 - 1		1.83215	0.99	0.92601	0.80	1.96663		1-30290	0.62	0 13440	0.20 1	
40			1.83229	0.22	0.92655	0 90	1.06687		1-80327	0.60	0.13458	0 20 1	
50	1	0.85	T-83242	0.23	0.92709	0.90	1-96712	0.43	1 36363	0.62	0-13470	0.20 1	0
51	0.68008		1.83256	0.23	0.02768	0.90	1.96738		1 36400	0.02	0 13482		9
52			1.88270	0.22	0.92817	0.92	1.96768		1-36437	0.62	0.13493		8
58	1	0.35	1.88288	0.23	0.92872	0.90	1-90788	0 43	1.36474	0.62	0 13505	0.20	7
54	0.68072		1.88297	0.22	0.92926	0.80	1.96814	0 42	1 36511	០ ៨2	0 13517	0.18	6
55	0.68093	0.37	T-83310	0.23	0.92980	0.90	1.96839	0.42	1 36548	0.62	0-13528	0 20	5
56		0.35	1.88824	0.23	0.93034	0.90	1.96864	0.48	1 36585	0 62	0 13540		4
57			1.83338	0.22	0.93088	0.92	1.96890	0.42	1 36622	0.62	0-13552		3
58		0.87	1.83351	0.23	0.98148	0.90	1.96915	0.42		0.62	0 1 3 5 6 4	0.18	1
59	1		1.83365	0.22	0.93197	0.92	1.96940	0.43	1-36696	0.03	0 1 3 5 7 5	0.20	
60	0.68200		T-83378		0.93353		1.98966	44 N W ****	1.36788		0.13587	Co. (pr.) * 01.0 - 1.00	0
Scholen	Cost.	D. 1"	Log Cos.	D. 1"	Cot.	D. 1".	Log Cot.	1), 1".	Cessee,	D. 1".	Long Conset	, D. I".	,
	1 0000	407 Q JA 1	manife comme	****	1 648.60	4 1	**************************************	T-1 0)	1	-		-	

1 1	CIGOI	AOTA	TIN	LUL	TLI	אוענ	LION	120	XIL	CIR	LOG	ري. ا	43
	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0 1 2 3 4	$\begin{array}{c} 0.68200 \\ 0.68221 \\ 0.68242 \\ 0.68264 \\ 0.68285 \end{array}$	0·35 0·35 0·37 0·35 0·35	$\begin{array}{c} \overline{1} \cdot 83378 \\ \overline{1} \cdot 83392 \\ \overline{1} \cdot 83405 \\ \overline{1} \cdot 83419 \\ \overline{1} \cdot 83432 \end{array}$	0·23 0·22 0·23 0·22 0·23	0.93252 0.93306 0.93360 0.93415 0.93469	0.90 0.90 0.92 0.90 0.92	$\begin{array}{c} \overline{1} \cdot 96966 \\ \overline{1} \cdot 96991 \\ \overline{1} \cdot 97016 \\ \overline{1} \cdot 97042 \\ \overline{1} \cdot 97067 \end{array}$	0·42 0·42 0·43 0·42 0·42	1.36733 1.36770 1.36807 1.36844 1.36881	0.62 0.62 0.62 0.62 0.63	0·13587 0·13599 0·13611 0·13623 0·13634	0·20 0·20 0·20 0·18 0·20	60 59 58 57 56
5 6 7 8 9	0.68306 0.68327 0.68349 0.68370 0.68391	0·35 0·37 0·35 0·35 0·35	$\begin{array}{c} \overline{1} \cdot 83446 \\ \overline{1} \cdot 83459 \\ \overline{1} \cdot 83473 \\ \overline{1} \cdot 83486 \\ \overline{1} \cdot 83500 \end{array}$	0·22 0·23 0·22 0·23 0·22	0.93524 0.93578 0.93633 0.93688 0.93742	0.90 0.92 0.92 0.90 0.92	$\begin{array}{c} \overline{1} \cdot 97092 \\ \overline{1} \cdot 97118 \\ \overline{1} \cdot 97143 \\ \overline{1} \cdot 97168 \\ \overline{1} \cdot 97193 \end{array}$	0·43 0·42 0·42 0·42 0·43	1.36919 1.36956 1.36993 1.37030 1.37068	0.62 0.62 0.62 0.63 0.62	0·13646 0·13658 0·13670 0·13682 0·13694	0·20 0·20 0·20 0·20 0·20 0·18	55 54 53 52 51
10 11 12 13 14	0.68412 0.68434 0.68455 0.68476 0.68497	0·37 0·35 0·35 0·35 0·35	$\overline{1.83513}$ $\overline{1.83527}$ $\overline{1.83540}$ $\overline{1.83554}$ $\overline{1.83567}$	0·23 0·22 0·23 0·22 0·23	0.93797 0.93852 0.93906 0.93961 0.94016	0.92 0.90 0.92 0.92 0.92	$\begin{array}{c} \overline{1}.97219 \\ \overline{1}.97244 \\ \overline{1}.97269 \\ \overline{1}.97295 \\ \overline{1}.97320 \end{array}$	0.42 0.42 0.43 0.42 0.42	1.37105 1.37143 1.37180 1.37218 1.37255	0.63 0.62 0.63 0.62 0.63	0·13705 0·13717 0·13729 0·13741 0·13753	0.20 0.20 0.20 0.20 0.20 0.20	50 49 48 47 46
15 16 17 18 19	0.68518 0.68539 0.68561 0.68582 0.68603	0·35 0·37 0·35 0·35	1-83581 1-83594 1-83608 1-83621 1-83634	0.22 0.23 0.22 0.22 0.23	0.94071 0.94125 0.94180 0.94235 0.94290	0.90 0.92 0.92 0.92 0.92	$ \overline{1} \cdot 97345 $ $ \overline{1} \cdot 97371 $ $ \overline{1} \cdot 97396 $ $ \overline{1} \cdot 97421 $ $ \overline{1} \cdot 97447 $	0·43 0·42 0·42 0·43 0·42	1.37293 1.37330 1.37368 1.37406 1.37443	0.62 0.63 0.63 0.62 0.63	0·13765 0·13777 0·13789 0·13800 0·13812	0·20 0·20 0·18 0·20 0·20	45 44 43 42 41
20 21 22 23 24	0.68624 0.68645 0.68666 0.68688 0.68709	0·35 0·35 0·37 0·35 0·35	I-83648 I-83661 I-83674 I-83688 I-83701	0.22 0.22 0.23 0.22 0.23	0.94345 0.94400 0.94455 0.94510 0.94565	0.92 0.92 0.92 0.92 0.92	$\begin{array}{c} \overline{1}.97472 \\ \overline{1}.97497 \\ \overline{1}.97523 \\ \overline{1}.97548 \\ \overline{1}.97573 \end{array}$	0·42 0·43 0·42 0·42 0·42	1.37481 1.37519 1.37556 1.37594 1.37632	0.63 0.62 0.63 0.63 0.63	0·13824 0·13836 0·13848 0·13860 0·13872	0·20 0·20 0·20 0·20 0·20	40 39 38 37 36
25 26 27 28 29	0.68730 0.68751 0.68772 0.68793 0.68814	0·35 0·35 0·35 0·35 0·35	T·83715 T·83728 T·83741 T·83755 T·83768	$0.22 \\ 0.22 \\ 0.23 \\ 0.22 \\ 0.22$	0.94620 0.94676 0.94731 0.94786 0.94841	0.93 0.92 0.92 0.92 0.92	1.97598 1.97624 1.97649 1.97674 1.97700	0·43 0·42 0·42 0·43 0·42	1.37670 1.37708 1.37746 1.37784 1.37822	0.63 0.63 0.63 0.63 0.63	0·13884 0·13896 0·13908 0·13920 0·13932	0·20 0·20 0·20 0·20 0·20 0·20	35 34 33 32 31
30 31 32 33 34	0.68835 0.08857 0.68878 0.68899 0.68020	0·37 0·35 0·35 0·35 0·35	1.83781 1.83795 1.83808 1.83821 1.83834	0.23 0.22 0.22 0.22 0.23	0.94896 0.94952 0.95007 0.95062 0.95118	0.93 0.92 0.92 0.93 0.92	$\begin{array}{c} 1.97725 \\ 1.97750 \\ \hline{1.97776} \\ \hline{1.97801} \\ \hline{1.97826} \end{array}$	0.42 0.43 0.42 0.42 0.42	1.37860 1.37898 1.37936 1.37974 1.38012	0.63 0.63 0.63 0.63 0.65	0·13944 0·13956 0·13968 0·13980 0·13992	0·20 0·20 0·20 0·20 0·20 0·20	30 29 28 27 26
35 36 37 38 89	0.08962 0.68983 0.69004	0.35 0.35 0.35 0.35 0.35	I.83848 I.83861 I.83874 I.83887 I.83001	0·22 0·22 0·22 0·23 0·22	0.95173 0.95229 0.95284 0.95340 0.95395	0.93 0.92 0.93 0.92 0.93	I.97851 I.97877 I.97902 I.97927 I.97953	0·43 0·42 0·42 0·43 0·42	1.38051 1.38089 1.38127 1.38165 1.38204	0.63 0.63 0.63 0.65 0.63	0·14004 0·14016 0·14028 0·14040 0·14052	0·20 0·20 0·20 0·20 0·20 0·20	25 24 23 22 21
40 41 42 43 44	0.69067 0.69088 0.69109	0.85 0.85 0.85 0.85	1.83914 1.83927 1.83940 1.83954 1.83967	$0.22 \\ 0.22 \\ 0.23 \\ 0.22 \\ 0.22$	0.95451 0.95506 0.95562 0.95618 0.95673	0.92 0.93 0.93 0.92 0.93	T.97978 T.98003 T.98029 T.98054 T.98079	0·42 0·43 0·42 0·42 0·42	1.38242 1.38280 1.38319 1.38357 1.38396	0.63 0.65 0.63 0.65 0.63	0·14064 0·14076 0·14088 0·14100 0·14112	0·20 0·20 0·20 0·20 0·20 0·20	20 19 18 17 16
45 40 47 48	0.69172 0.69193 0.69214	0·35 0·35	1.83980 1.83993 1.84006 1.84020 1.84033			0.93 0.93 0.93 0.92 0.93	T.98104 T.98130 T.98155 T.98180 T.98206		1.38434 1.38473 1.38512 1.38550 1.38589		0·14124 0·14136 0·14149 0·14161 0·14178	0.20 0.22 0.20 0.20 0.20	15 14 13 12 11
50 51 52 53 54	0.69277 0.69298 0.69319	0·35 0·35 0·35	T·84046 T·84059 T·84072 T·84085 T·84098	0·22 0·22 0·22 0·22 0·23	0.96120 0.96176	0.93 0.93	T.98231 T.98256 T.98281 T.98307 T.98332	0·42 0·43 0·43 0·42	1.38628 1.38666 1.38705 1.38744 1.38783	0.63 0.65 0.65 0.65 0.65	0·14185 0·14197 0·14209 0·14221 0·14234	0.20 0.20 0.20 0.22 0.22	10 9 8 7 6
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.69882 0.69408 0.69424	0.35	I-84112 I-84125 I-84138 I-84151 I-84164	$0.22 \\ 0.22 \\ 0.22$	0.96344 0.96400 0.96457	0.93 0.93	T-98357 T-98383 T-98408 T-98433 T-98458	0·43 0·42 0·42 0·42 0·43	1.38899 1.38938	0.65 0.65 0.65 0.65	0·14246 0·14258 0·14270 0·14282 0·14294	0.20 0.20 0.20 0.20 0.20	5 4 3 2 1
60	a valgage	AND STREET, ST	T-84177	T) 1//	0.96569		I-98484 Log Cot.	T) 1"	1.39016 Cosec.	1) 1"	0.14307 Log Cosec	D 1"	0
	Cos.	D. 1".	Log Cos.	IJ. I".	Cot.	D. I'.	Log Cot.	D, I,	COSGC.	יי, דיי,	TOR COREO	, a., a. ,	

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,	Sine.	D. 1".	Log Sin. 1). 1".	Tan.	D. 1".	Log Tan. 1	1. 1".	Sec.	D, 1",	Log Sec.	D. 1".
0	0.69466	0.35	1.84177	0.22	1-96569	0.93		0.42		0.65	0.14307	0.20 60
1	0.69487			-	196625	0.93			1.39055	0.67	0.14319	0.20 59
2	0.69508)-96681	0.95	1·98534 1·98560	0.42	1.39095 1.39134	0-65 0-65	$0.14331 \\ 0.14348$	0.20 58
3	0.69529)·96738)·96794	0.93 - 0.93	1.98585		1.39173	0.65	0.14855	0.20 57 0.22 56
4	0.69549							1	1-39212	0.65	0.14368	
5	0.69570	• • • • • • • • • • • • • • • • • • • •	_)-96850 J-96907	0.95	1.98635	0.43	1.89251	0.67	0.14380	0.20 55 0.20 54
6	0.69591 0.69612	0.35 0.35			0.96963	0.95	1.98561	0.42	1.39291	0.65	0.14392	0.20 53
8	0.69633	0.35			0.97020	0.93	1.98686	0.42	1.39330	0.65	0.14404	0.22 52
9	0.69654	0.35	1.84295	0.22 0	0.97076	0.95	1.98711	0.43	1-39369	0.67	0.14417	0.20 51
10	0.69675	0.35	T-84308		0.97133	0.93	1.98737	0.42	1/39409	0.65	0.14429	0.20 50
11	0.69696	0.35			0.97189	0.95	1.98762	0.42	1-39448	0.65	0-14-141 0-14-153	0.20 49
12	0.09717	0.33	-		0·97246 0·97302	0-93 0-95	1.98787 1.98812	0.43	1.39527	0.65	0.14466	$0.22 48 \\ 0.20 47$
13	0.69737 0.69758	0.35 0.35			0.97359	0.05	1.08838	0.42	1-39566	0.67	0.14478	0.20 46
14					0.97416	0.93	1.98863	0.42	1-39606	0.67	0.14490	0.22 45
15 16	0.69779	0·35 0·35			0.97472	0.05	1.08888	0.42	1 39646	0.65	0.14503	0.20 44
17	0.09821	0.35	1.84398		0.97520	0.95	1.98913		1-39685	0.67	0.14515	0.20 43
18	0.69842	0.38	1.84411		0.07586	0.95	1.08939		1.39725	0.65	0.14527	0.22 42
19	0.09862	0.35	1.84424		0.97643	0.05	1.08964		1-39764	0.67	0-14540	0.20 41
20	0.69883	0.35	1.84437		0.97700	0.03	1-98989	0.43	1-39804 1-39844	$0.67 \\ 0.67$	0.14552	0.20 40
21	0.69904	0.35	1.84450 1.84468		0.97756 0.97813	0.95 0.95	1.99015	0.42	1-39881	0 67	0 14577	0.22 39 0.20 38
22 23	0.69925	0.35 0.33	1.84476		0.97870	0.95	1.99065	0.42	1-39924	0.65	0/14589	0.20 37
24	0.00966	0.35	1.84489		0.97927	0.05	1.00000	0.43	1-39963	0.67	0.14601	0.22 36
25	0.09987	0.35	1.84502	0.22	0.97984	0.95	1.99116	0.42	1.40003	0.67	0.14614	0.20 35
26	0.70008		1.84515		0.98041	0.95	1.09141	0.43	1.40043	0.67	0.14626	0.22 34
27	0.70029		1.84528		80080-0	0.95	1.99166	0.42	1 40083	0.67	0.14639	0.20 88
28			1.84540 1.84553	0.22	0.98155	0.97 0.95	1-99191 1-99217	0.43	1-40123	0.67	0 14651 0-14663	$0.20 32 \\ 0.22 31$
29				- 1				0.42	1 40203	0.67	0-14676	1 "
30			1.84566 1.84579	0.22	0.98270	0.95 0.95	1-99242 1-99267	0.48	1 40243	0.67	0.14688	0.20 30 0.22 29
$\begin{vmatrix} 31 \\ 32 \end{vmatrix}$			1.84592	0.22	0.98384	0.95	1.99293	0.42	4	0.68	0 14701	0.20 28
33			1.84605	0.22	0.98441	0.97	1.99318	0.42	1 40321	0.67	0 14713	0.22 27
34	1	0.35	1.84618	0.20	0.98499	0.05	1.99343	0.42	1 40364	0.67	0 14726	0.20 26
88	0.70195	0.38	1.84630	0.22	0.98550	∂(d·()	1-00368		1.40104		0.14738	
80			1.84643	0.22	0.08613	0.97	1.99394		1 40444		0 14750	
37			1.84656 1.84669	0.55	0.08671	0.95 0.97	1.99419 1.99444	0 42			0 14775	
38			1.84682	0.50	0.98786			0.43	1		0-14788	
1			1.84694	0.22	0.98843			0.42	1 40600	0.67	0-14800	0.22 20
40			1.84707	0.22	0.98901	0.05		0 42	1 40040	0.68	0.14813	0.20 19
4			1.84720	0.22	0.08958	0.97	1.99545	0.42			0.14825	
4			1.84733	0.20	0.99016			0.43			0-14888 0-14880	4 . 1 7 .
4	4 0.7038			0.22	0.99078			0.42				1
4.				0.22	0.99181				1 1 40845 1 1 40845		0 14868 0 14875	
4				0.22	0.99189				1 1 40896		0.14888	
4				0.22					i i donac			
4	1		44	0.22	0.99362	0.97	1.99722	0 1:	: ៉្ 1 4m97 1	មក្	0 14913	0.22 11
5	1		1.84822	0.22	0.99420	0.87		0.43	1:1:4101:	0 68	0 14020	
5	1 0.7052	5 0.35	1.84835	0.20	0.99478	0.97			1 1105		0-14938	
5				0.22					: 1 4109; : 1 411%			
5				0.22 0.20					3 4117: 3 4117:			
	1		4.	0.22	}				3 1 41210			
5				0.22					s 1 41210 2 1 41251			
5				0.20					2 1-1129		0.15014	0.20
5	8 0.7067	0 0.88	1.84928	0.22	0.9988	0.97	7 1.99949		3 1 4133			
. 5	1	0 0.35		0.22	1				3 1-41380			i
6	0 0.7071	1	1.84949		1.00000)	0.00000)	, 1 1142		0 15051	amenta anno par
	Cos.	D. 1"	Log Cos.	17. 1"	. Cat.	1), 1	". Log Cat.	11.1	t'men.	11, 1"	Log Cose	e. D. I".
<u></u>	0000			X-1 &	- 1				-			

					`		1101		~	CIV	LUG		45
'	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0 1 2 3 4	0·70711 0·70731 0·70752 0·70772 0·70793	0·33 0·35 0·35 0·35 0·38	1.84949 1.84961 1.84974 1.84986 1.84999	$0.22 \\ 0.20 \\ 0.22$	1.00000 1.00058 1.00116 1.00175 1.00233	0.97 0.97 0.98 0.97 0.97	0.00000 0.00025 0.00051 0.00076 0.00101	0·42 0·43 0·42 0·42 0·42	1.41421 1.41463 1.41504 1.41545 1.41586	0·70 0·68 0·68 0·68 0·68	0·15051 0·15064 0·15077 0·15089 0·15102	0.22 0.22 0.20 0.22 0.22	60 59 58 57 56
5 6 7 8 9	0·70813 0·70834 0·70855 0·70875 0·70896	0·35 0·35 0·35 0·35 0·33	I·85012 I·85024 I·85037 I·85049 I·85062	$0.20 \\ 0.22 \\ 0.20 \\ 0.22$	1.00291 1.00350 1.00408 1.00467 1.00525	0.98 0.97 0.98 0.97 0.97	0.00126 0.00152 0.00177 0.00202 0.00227	0·43 0·42 0·42 0·42 0·43	1.41627 1.41669 1.41710 1.41752 1.41793	0·70 0·68 0·70 0·68 0·70	0·15115 0·15127 0·15140 0·15153 0·15165	0.20 0.22 0.22 0.20 0.22	55 54 53 52 51
10 11 12 13 14	0·70916 0·70937 0·70957 0·70978 0·70998	0·35 0·35 0·35 0·35	T-85074 T-85087 T-85100 T-85112 T-85125	$\begin{bmatrix} 0.22 \\ 0.20 \end{bmatrix}$	1.00583 1.00642 1.00701 1.00759 1.00818	0.98 0.98 0.97 0.98 0.97	0.00253 0.00278 0.00303 0.00328 0.00354	0·42 0·42 0·42 0·43 0·42	1.41835 1.41876 1.41918 1.41959 1.42001	0.68 0.70 0.68 0.70 0.68	0·15178 0·15191 0·15204 0·15216 0·15229	0.22 0.22 0.20 0.22 0.22	50 49 48 47 46
15 16 17 18 19	0·71019 0·71039 0·71059 0·71080 0·71100	0·33 0·35 0·35 0·35	T-85137 T-85150 T-85162 T-85175 T-85187	$0.22 \\ 0.20 \\ 0.22$	1.00876 1.00935 1.00994 1.01058 1.01112	0.98 0.98 0.98 0.98 0.97	0.00379 0.00404 0.00430 0.00455 0.00480	0.42 0.43 0.42 0.42 0.42	1.42042 1.42084 1.42126 1.42168 1.42209	0·70 0·70 0·70 0·68 0·70	0·15242 0·15255 0·15267 0·15280 0·15293	0.22 0.20 0.22 0.22 0.22	45 44 43 42 41
30 - 22 23 3 20 - 22 23 3 20 - 22 23 3	0.71121 0.71141 0.71162 0.71182 0.71203	0·33 0·35 0·35 0·35 0·35	T-85200 T-85212 T-85225 T-85237 T-85250	0.20 0.22 0.20 0.22 0.22 0.22	1.01170 1.01229 1.01288 1.01347 1.01406	0.98 0.98 0.98 0.98 0.98	0.00505 0.00531 0.00556 0.00581 0.00606	0·43 0·42 0·42 0·42 0·43	1.42251 1.42293	0·70 0·70 0·70 0·70 0·70	0·15306 0·15318 0·15331 0·15344 0·15357	0.20 0.22 0.22 0.22 0.22	40 39 38 37 36
25 26 27 28 29	0.71223 0.71243 0.71264 0.71284 0.71305	0·33 0·35 0·33 0·35 0·33	T-85262 T-85274 T-85287 T-85299 T-85312	0·20 0·22 0·20 0·22 0·20	1.01465 1.01524 1.01583 1.01642 1.01702	0.98 0.98 0.98 1.00 0.98	0.00632 0.00657 0.00682 0.00707 0.00733	0·42 0·42 0·42 0·43 0·42	1.42461 1.42503 1.42545 1.42587 1.42630	0·70 0·70 0·70 0·72 0·70	0·15370 0·15382 0·15395 0·15408 0·15421	0.20 0.22 0.22 0.22 0.22	35 34 33 32 31
30 31 32 33 34	0.71325 0.71345 0.71366 0.71366 0.71407	0·33 0·35 0·38 0·35 0·35	I-85324 I-85337 I-85349 I-85361 I-85374	0.22 0.20 0.20 0.22 0.22	1.01761 1.01820 1.01879 1.01939 1.01998	0.98 0.98 1.00 0.98 0.98	0.00758 0.00783 0.00809 0.00834 0.00859	0·42 0·43 -0·42 0·42 0·42	1.42672 1.42714 1.42756 1.42799 1.42841	0·70 0·70 0·72 0·70 0·70	0·15434 0·15447 0·15460 0·15472 0·15485	0.22 0.22 0.20 0.22 0.22	30 29 28 27 26
35 36 37 38 39	0.71.127 0.71.147 0.71.168 0.71.488 0.71508	0·33 0·35 0·33 0·33 0·35	1.85386 1.85399 1.85411 1.85423 f.85436	0·22 0·20 0·20 0·22 0·22	1.02057 1.02117 1.02176 1.02236 1.02295	1.00 0.98 1.00 0.98 1.00	0.00884 0.00910 0.00935 0.00960 0.00985	0·43 0·42 0·42 0·42 0·43	1.42883 1.42926 1.42968 1.43011 1.43053	0.72 0.70 0.72 0.70 0.72	0·15498 0·15511 0·15524 0·15537 0·15550	0.22 0.22 0.22 0.22 0.22	$\begin{bmatrix} 23 \\ 22 \end{bmatrix}$
10 12 13 14	0.71529 0.71549 0.71569 0.71590	0.38 0.38 0.35 0.38 0.33	T-85448 T-85460 T-85473 T-85485 T-85497	0·20 0·22 0·20 0·20 0·22	1.02355 1.02414 1.02474 1.02533 1.02593	0.98 1.00 0.98 1.00 1.00	0.01011 0.01036 0.01061 0.01087 0.01112	$0.42 \\ 0.43 \\ 0.42$	1.43139 1.43181 1.43224	0.72 0.70 0.72 0.72 0.72 0.70	0·15563 0·15576 0·15589 0·15602 0·15615	$0.22 \\ 0.22 \\ 0.22 \\ 0.22 \\ 0.20$	19 18 17
45 46 47 48	0.71630 0.71650	0.33 0.35 0.33 0.33	1.85510 1.85522 1.85534 1.85547 1.85569	0.20 0.20 0.22 0.20 0.20	1.02653 1.02713 1.02772 1.02832 1.02892	1.00	0.01213	0·43 0·42 0·42	1.43352 1.43395	0.72 0.72 0.72 0.72 0.72 0.72	0·15627 0·15640 0·15653 0·15666 0·15679		14 13 12
50 51 52 54	$\begin{array}{c} 0.71732 \\ 0.71752 \\ 0.71772 \\ 0.71792 \end{array}$	0.33 0.33 0.33 0.35	1.85571 1.85583 1.85596 1.85608	0.20 0.22 0.20 0.20	$\begin{array}{c} 1.02952 \\ 1.03012 \\ 1.03072 \\ 1.03132 \end{array}$	1.00 1.00 1.00 1.00	0.01289 0.01314 0.01339	0·42 0·42 0·4 3	1.43567 1.43610 1.43653	0.72 0.72 0.72 0.72 0.72 0.72	0·15692 0·15705 0·15718 0·15781 0·15745	$0.22 \\ 0.22 \\ 0.23$	9 8 7
55 56 57 58	0.71833 0.71853 0.71873 0.71894	0:33 0:33 0:35 0:33	T-85632 1-85645 1-85657 T-85669	0·22 0·20 0·20 0·20	$\begin{array}{c} 1.03252 \\ 1.03312 \\ 1.03372 \\ 1.03433 \end{array}$	1·00 1·00 1·02 1·00	0.01415 0.01440 0.01466	0·42 0·43 0·42	1.43783 1.43826 1.43869		0·15758 0·15771 0·15784 0·15797 0·15810	$0.22 \\ 0.22 \\ 0.22$	3 2
	0.71934	Na pormir v er e	T-85693		1.03553	}	0.01516 Log Cot.		1.43956 Cosec.	D.1".	0.15823 Log Cose		0
1	Cos.	1), 1"	, Log Cos.	D. 1"	. Cot.	,1,7, T.,	. Log Cot.	. 1J. L	·1 COBGO:				

10	7 1/1,							22.44				2003
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Hec.	1), 1".	Log Sec.	D.1".
0	0.71934	0.33	1.85693	0.22	1.03553	1.00	0.01516	0.43	1.43956	0.72	0.15823	0.22 60
1	0.71954	0.33	1.85706	0.20	1.03613	1.02	0.01542	0.42	1.43999	0.72	0.15836	0.22 59
2	0.71974	0.35	1.85718	0.20	1.03674	1.00	0.01567	0.42		0.73	0.15849	0.22 58
3	0.71995	0.33	1.85730	0.20	1.03734	1.00	0.01592	0.42	1.44086	0.72	0.15862	0.22 57
4	0.72015	0.33	1.85742	0.20	1.03794	1.02	0.01617	0.43	1.44129	0.73	0.15875	0.22 56
5	0.72035	0.33	1.85754	0.20	1.03855	1.00	0.01643	0.42	1.44173	0.73	0.15888	
		0.33	1.85766	0.22	1.03915	1.02	0.01668	0.42	1-44217	0.72	0.15902	
6	0.72055	0.33	1.85779	0.20	1.03976	1.00	0.01693	0.43	1-44260	0.73	0.15915	
7	0.72095	0.35	1.85791	0.20	1.04036	1.02	0.01719	0.42	1-44304	0.72	0.15928	
8	0.72116	0.33	1.85808	0.20	1.04097	1.02	0.01744	0.12	1.44347	0.73	0-15941	
								1				
10	0.72136	0.33	1.85815	0.20	1.04158	1.00	0.01769	0.42	1.44391	0.73	0.15954	0.22 50
11	0.72156	0.33	1.85827	0.20	1-04218	1.02	0.01794	0.43	1-44-435	0.73	0.15967	0.22 49
12	0.72176	0.33	1.85839	0.20	1.04279	1.02	0.01820	0.42	1-44479	0.73	0.15980	0.28 48
13	0.72196	0.83	1.85851	0.22	1.04340	1.02	0.01845	0.42	1-44523	0.73	0.15994	0.22 47
14	0.72216	0.33	1.85864	0.20	1.04401	1.00	0.01870	0.43	1-44567	0.72	0.16007	0.22 40
15	0.72236	0.35	1.85876	0.20	1.04461	1.02	0.01896	0.42	1-4-1610	0.73	0.16020	0.22 45
16	0.72257	0.33	1.85888	0.20	1.04522	1.02	0.01921	0.42	1-14654	0.73	0.16033	0.22 44
17	0.72277	0.33	1.85900	0.20	1.04583	1.02	0.01946	0.42	1-44698	0.73	0.16046	0.23 48
18	0.72297	0.33	1.85912	0.20	1.04644	1.02	0.01971	0.43	1-44742	0.70	0.16060	0.22 42
1.9	0.72317	0.33	1.85924	0.20	1.04705	1.02	0.01997	0.42	1-44787	0.73	0.16073	0.22 41
20	0.72337	0.33	T-85936	0.20	1.04766	1.02	0.02022	0.42	1-44831	0.73	0.16086	0.22 40
21	0.72357	0.33	1.85948	0.20	1.04827	1.02	0.02047	0.43	1-44875	0 73	0-16099	0.28 89
22	0.72377	0.88	T-85960	0.20	1.04888	1.02	0.02073	0.42	1-44919	0.73	0.16113	0.22 38
23	0.72397	0.33	1.85972	0.20	1.04949	1.02	0 02098	0.42	1-44963	0.73	0-16126	0.22 87
24	0.72417	0.88	1.85984	0.20	1.05010	1.03	0.02123	0.43	1-45007	0.75	0.16139	0.22 30
		0.33	T-85996	0.20	1.05072	1.02	0.02149	0.42	1.45052	0.73	0.16152	1
25	0.72437		1.86008		1.05183	1.02	0.02174	0.42	1.45096	0.75	0.16166	
26	0.72457 0.72477	0.88	1.86020	0.20	1.05194	1.02	0.02199	0.42	1-45141	0.73	0.16179	$ \begin{array}{c c} 0.22 & 34 \\ 0.22 & 35 \end{array} $
27	0.72477	0.33 0.33	1.86032	0.20	1.05255	1.03	0.02224	0.48	1-45185	0.73	0.16192	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
28 29	0.72517	0.33	1.80032	0.20	1.05317	1.02	0.02250	0 12	1-45229	0.75	0.16205	0.23 31
			,									1
30	0.72537	0.38	1.86050	0.20	1.05378	1.02	0.02275	0 12	1 45274	0.73	0.16319	0.22 30
31	0.72557	0.88	1.86068	0.20	1.05439	1.03	0.02800		1-46319	0.78	0.16282	0.22 28
82	0.72577	0.33	1.86080	0.20	1.05501	1.02	0.02326		1.46363	0.75	0-16246	0.28 28
38	0.72597	0.33	1.86092	0.20	1.05562	1.08	0.02351	0.42	1.45408	0.73	0.16259	0.22 27
34	0.72617	0.33	1.86104	0.20	1.05624	1.02	0.02376	0.43	1.45452	0.75	0 16272	0.22 20
35	0.72637	0.33	T-86116	0.20	1.05685	1.03	0.02402	0.42	1 45497	0.75	0-16285	0 28 21
36	0.72657	0.33	1.86128	0.20	1.05747	1.03	0.02427	0 42	1.45542	0.75	0.16299	0.22 2
37	0.72677	0.33	1.88140	0.20	1.08809	1.02	0.02452	0.42		0.73	0 16312	0.23 23
38	0.72697	0.33	1.86152	0.20	1.05870	1.03	0.02477	0.43	1-45031	0.76	0.16326	0.22 3
39	0.72717	0.33	1.86164	0.30	1.05982	1.08	០-០ដូតិ០ន	0.42	1 45676	0.75	0 16339	0.22 2
40	0.72737	0.33	1.86176	0.20	1.05994	1.03	0.02528	0 42	1-45731	0.75	0.16352	0 28 20
41	0.72757	0.33	1.86188	0.20	1.06056	1.02	0.02553	0.43	1 45766	0.75	0.16366	0.22 19
42	0.72777	0.33	1.80200	0.18	1:06117	1.03	0.02579	0.42	1-45811	0.75	0.16379	0.22 18
48	0.72797	0.38	1.86211	0.20	1.06179	1.03	0.05004	0.42	1-45856	075	0 16392	0 23 17
44	0.72817	0.33	1.86228	0.20	1.00241	1.03	0.02620	0.43	1.49501	0.75	0-16400	0.22 10
45	0.72887	0.33	1.86235	0.20	1.06303	1.03	0.02655	0.42	1-45946	077	0 16419	0.28 1
46	0.72857	0.88	1.86247	0.20	1.06365	1.03	0.02680	0.42	1 45999	0.75	0 16438	0.22 1
47	0.72877	0.88	1.86289	0.20	1.06427	1.03	0.02705	0 43	1.46037	0.75	0.16446	0.28 18
48	0.72897	0.33	1.86271	0.20	1.06489	1.03	0.02781	0.42	1 46082	0.75	0.16460	0.22 1
49	0.72917		1.86288				0 02756			077	0 16473	0 23 1
50	0.72937	0.88	T-86295	0.18	1.06613	1.05	0.02781	0 43		0.75	0.16487	0.22 1
51	0.72957	0.32	1.86806	0.20	1.06676	1.08	0.02781	0.42	1-40218	0.75	0 16500	0.23
52	0.72976	0.33	1.86818	0.20		1.03	0.02882	0.42	1-46263	0.77	0.16514	0.22
58	0.72976	0.33	1.86880	0.20		1.03	0.02857	0.42		075	0 16527	0.23
54	0.73016	0.83	1.86842	0.20	1.06862	1.05	0.02882	0.43	1 46354	0 77	0.16541	0.22
	1				i							
55		0.33	1.86354	0.20	1.06925	1.03	0.02908	0.42	1.46400	0.78	0 16554	0.23
56		0.33	1.86366		1.06987	1.08	0.02933	0.43	1 40445	077	0 16568	0.22
57	0.78076	0.88	1.86377	0.20	1.07049		0.02958	0.48	1.46491	077	0 16581	0.23
58	0.73096	0.38	1.86889		1.07112		0.02984	0.42	1.40537	0.75	0 16595	0.22
59	0.78116	0.32	1.86401	0.20	1.07174	1.05	0.03009	0 42	1.46582	077	0 16608	0.23
60	0.78185	and the same of th	1.86418		1.07287	Address on the	0.03084		1-46628		0.10022	;
	Cos.	D. 1".	Log Cos.	D. 1"	Cot.	D.1"	Log Cot.	1), 1"	Cosec,	D. 1"	Lang Champ	D. 1"
	1 300				3 27/14	271 6	wante dara	** + 4	i esermente Emplemente		Tanamananananananananananananananananana	1

1 1			VI I L I		,		21101			1511	CLOC		71
	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	_
0	0.73135	0.33	1.86413	0.20	1.07237	1.03	0.03034	0.43	1.46628	0.77	0.16622	0.22	
1 2	0.73155 0.73175	$0.33 \\ 0.33$	1.86425 1.86436	$0.18 \\ 0.20$	1.07299 1.07362	$1.05 \\ 1.05$	0.03060 0.03085	0.42	1.46674	0.75	0.16635	0.23	
3	0.73175	0.33	1.86448	0.20	1.07425	1.03	0.03035	$0.42 \\ 0.43$	1.46719 1.46765	0·77 0·77	0.16649 0.16662	$0.22 \\ 0.23$	58 57
4	0.73215	0.32	Ī·86460	0.20	1.07487	1.05	0.03136	0.42	1.46811	0.77	0.16676	0.23	56
5	0.73234	0.33	<u>1</u> .86472	0.18	1.07550	1.05	0.03161	0.42	1.46857	0.77	0.16690	0.22	55
6	0.73254	0.33	T-86483	0.20	1.07613	1.05	0.03186	0.43	1.46903	0.77	0.16703	0.23	54
8	$0.73274 \\ 0.73294$	$0.33 \\ 0.33$	1.86495 1.86507	$0.20 \\ 0.18$	1.07676 1.07738	$1.03 \\ 1.05$	$0.03212 \\ 0.03237$	$0.42 \\ 0.42$	1.46949 1.46995	0·77 0·77	0.16717 0.16730	$0.22 \\ 0.23$	53 52
9	0.73314	0.32	1.86518	0.20	1.07801	1.05	0.03262	0.43	1.47041	0.77	0.16744	0.23	51
10	0.73333	0.33	T-86530	0.20	1.07864	1.05	0.03288	0.42	1.47087	0.78	0.16758	0.22	50
1.1.	0.73353	0.33	1.86542	0.20	1.07927	1.05	0.03313	0.42	1.47134	0.77	0.16771	0.23	49
12	0.73373	0.33	1.86554	0.18	1.07990	1.05	0.03338	0.43	1.47180	0.77	0.16785	0.22	48
13 14	0·73393 0·73413	$0.33 \\ 0.32$	1.86565 1.86577	$0.20 \\ 0.20$	1.08053 1.08116	$1.05 \\ 1.05$	0.03364 0.03889	$\begin{array}{c} 0.42 \\ 0.42 \end{array}$	1.47226 1.47272	0·77 0·78	$0.16798 \\ 0.16812$	$0.23 \\ 0.23$	47 46
15	0.73432	0.33	1.86589	0.18	1.08179	1.07	0.03414	0.43	1.47319	0.77	0.16826	0.22	45
16	0.73452	0.33	1.86600	0.20	1.08243	1.05	0.03440	0.42	1.47365	0.77	0.16839	0.23	44
17	0.73472	0.32	1.86612	0.20	1.08306	1.05	0.03465	0.42	1.47411	0.78	0.16853	0.23	43
18 19	0.73491	0.33	1.86624	$0.18 \\ 0.20$	1.08369 1.08432	$1.05 \\ 1.07$	0.03490 0.03516	0.43 0.42	1·47458 1·47504	0·77 0·78	0.16867 0.16880	$0.22 \\ 0.23$	$\begin{array}{c c} 42 \\ 41 \end{array}$
20	0·73511 0·73531	0·33 0·33	1.86635 1.86647	0.20	1.08496	1.05	0.03541	0.43	1.47551	0.78	0.16894	0.23	40
21	0.73551	0.32	1.86659	0.18	1.08559	1.05	0.03541	0.42	1.47598	0.77	0.16908	0.23	39
22	0.73570	0.33	1.86670	0.20	1.08622	1.07	0.03592	0.42	1.47644	0.78	0.16922	0.22	38
23	0.73590	0.33	1.86682	0.20	1.08686	1.05	0.03617	0.43	1.47691	0.78	0.16935	0.23	37
24	0.73610	0.32	1.86694	0.18	1.08749	1.07	0.03643	0.42	1.47738	0.77	0.16949	0.23	36
25 26	0.73629 0.73649	$0.33 \\ 0.33$	1.86705 1.86717	0·20 0·18	1.08813 1.08876	1.05 1.07	0.03668 0.03693	0·42 0·43	1.47784 1.47831	0·78 0·78	0.16963 0.16977	$0.23 \\ 0.22$	35 34
27	0.73669	$0.33 \\ 0.32$	1.86728	0.20	1.08940	1.05	0.03033	0.42	1.47878	0.78	0.16990	0.23	33
28	0.73688	0.33	1.86740	0.20	1.09003	1.07	0.03744	0.42	1.47925	0.78	0.17004	0.23	32
29	0.73708	0.33	1.80752	0.18	1.09067	1.07	0.03769	0.43	1.47972	0.78	0.17018	0.23	31
30	0.73728	0.32	1.86763	0.20	1.09131	1.07	0.03795	0.42	1.48019	0.78	0.17032	0.22	30
31 32	0.73747	0·33 0·33	1.86775 1.86786	$0.18 \\ 0.20$	1.09195 1.09258	$\frac{1.05}{1.07}$	0.03820 0.03845	$0.42 \\ 0.43$	1.48066 1.48113	0·78 0·78	$0.17045 \\ 0.17059$	$0.23 \\ 0.23$	$\begin{vmatrix} 29 \\ 28 \end{vmatrix}$
33	0.73787	0.32	1.86798	0.18	1.09322	1.07	0.03871	0.42	1.48160	0.78	0.17073	0.23	27
34	0.73806	0.33	1.86809	0.20	1.09380	1.07	0.03896	0.43	1.48207	0.78	0.17087	0.23	26
35	0.73826	0.33	1.86821	0.18	1.09450	1.07	0.03922	0.12	1.48254	0.78	0.17101	0.23	25
36	0.73846 0.73865	$0.32 \\ 0.33$	1.80832 1.80844	$0.20 \\ 0.18$	1.09514 1.09578	$\frac{1.07}{1.07}$	$0.03947 \\ 0.03972$	$0.42 \\ 0.43$	1 48301 1·48349	0·80 0·78	$0.17115 \\ 0.17128$	$\begin{array}{c} 0.22 \\ 0.23 \end{array}$	24 23
38	0.73885	0.32	1.86855	0.20	1.09642	1.07	0.03998	0.42	1.48396	0.78	0.17142	0.23	22
39	0.73904	0.33	1.80867	0.20	1.09706	1.07	0.04023	0.42	1.48443	0.80	0.17156	0.23	21
40	0.73924	0.33	1.80879	0.18	1.00770	1.07	0.04048	0.43	1.48491	0.78	0.17170	0.23	20
41	0.73944	0.32	1.80890	0.20	1.09834	1.08	0.04074	0.42	1.48538	0.80	0.17184	0.23	19
42	0.73963 0.73983	0.33 0.32	1.86902 1.86913	0.18	1.09809	1·07 1·07	0.04099 0.04125	$0.43 \\ 0.42$	1.48586 1.48633	0·78 0 ·80	$0.17198 \\ 0.17212$	$\begin{array}{c} 0.23 \\ 0.22 \end{array}$	18 17
44	0.74002	0.33	1.86924	0.20	1.10027	1.07	0.04150	0.42	1.48681	0.78	0.17212	0 23	16
45	0.74022	0.32	1.86036	0.18	1.10091	1.08	0.04175	0.43	1.48728	0.80	0.17239	0.23	15
46	0.74041	0.33	1.86947	0.20	1.10156	1.07	0.04201	0.42	1.48776	0.80	0.17253	0.23	14
47	0.74061	0.32	1.86959	0.18	1.10220 1.10285	1·08 1·07	0.04226 0.04252	0.43	1.48824 1.48871	0·78 0·80	0.17267 0.17281	$\begin{array}{c} 0.23 \\ 0.23 \end{array}$	$\begin{array}{c c} 13 \\ 12 \end{array}$
48	0.74080	0·33 0·33	1.86970 1.86982	0·20 0·18	1.10286	1.07	0.04252	0.42		0.80	$0.17281 \\ 0.17295$	0.23	11
50	0.74120	0.32	1.86993	0.20	1.10414	1.07	0.04302	0.43	1.48967	0.80	0.17309	0.23	10
51	0.74139	0.33	1.87005	0.18	1.10478	1.08	0.04328	0.42	1.49015	0.80	0.17323	0.23	9
52	0.74159	0.32	1.87016	0.20		1.07	0.04353	0.42	1.49063	0.80	0.17337	0.23	8
53 54	$0.74178 \\ 0.74198$	0·33 0·32	1.87028 1.87039	0·18 0·18	1.10607 1.10672	1.08 1.08	0·04378 0·04404	$\begin{array}{c} 0.43 \\ 0.42 \end{array}$	1·49111 1·49159	0.80 0.80	0.17351 0.17365	$0.23 \\ 0.23$	7 6
55	0.74217	0.33	1.87050	0.20	1.10737	1.08	0.04429	0.43	1.49207	0.80	0.17379	0.23	5
50	0.74237	0.32	1.87062	0.18	1.10802	1.08	0.04455	0.42	1.49255	0.80	0.17393	0.23	4
57	0.74256	0.33	1.87078	0.20	1.10867	1.07	0.04480	0.42	1.49303	0.80	0.17407	0.23	3
58	0.74276	0.32	1.87085	0.18	1.10931	1.08	0.04505	0.43	1·49351 1·49399	0·80 0·82	0.17421 0.17435	$\begin{array}{c} 0.23 \\ 0.23 \end{array}$	2 1
60	0.74298	11.00	1.87107	4 10	1.11061	a. ML	0.04556		1.49448		0.17449	. ~ U	0
60	Aprilla - 1295 C - 2 10 00 00	4 5 4 4 4	nesser - netasans s comme	W. 41	-	73 411		T) 1/		1) 1//	Log Cosec.	D 1"	
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.		Log Cot.	חי ז'י.	Cosec.	יי, די, עד	Log Cosec.	D.L.	100

	1 1/1		14 0 141								2002
[Sine.	D. 1".	Log Sin.	D. 1".	Tan.	1). 1".	Log Tan.	D. I". See.	D. 1".	Log Sec.	D. 1".
0 1 2 3 4	0.74314 0.74334 0.74353 0.74373 0.74392	0·33 0·32 0·33 0·32 0·33	1.87107 1.87119 1.87130 1.87141 1.87153	0·20 0·18 0·18 0·20 0·18	1.11061 1.11126 1.11191 1.11256 1.11321	1·08 1·08 1·08	$\begin{array}{c} 0.04556 \\ 0.04582 \\ 0.04607 \\ 0.04632 \\ 0.04658 \end{array}$	043 149448 042 149106 042 149544 043 149503 042 149641	0.80 0.80 0.82 0.80 0.82	0.17449 0.17463 0.17477 0.17491 0.17505	0·23 59 0·23 58 0·23 57
5 6 7 8 9	0.74412 0.74431 0.74451 0.74470 0.74489	0·32 0·33 0·32 0·32 0·33	1.87164 1.87175 1.87187 1.87198 1.87209	0·18 0·20 0·18 0·18 0·20	1·11387 1·11452 1·11517 1·11582 1·11648		0.04683 0.04709 0.04734 0.04760 0.04785	043 149690 042 149738 043 149787 042 149835 042 149884	0-80 0-82 0-80 0-82 0-82	0-17519 0-17538 0-17547 0-17561 0-17576	0.23 55
10	0.74509	0·32	1.87221	0·18	1.11713	80·1	0.04810	0-43 1-49933	0 80	0-17590	0·23 50
11	0.74528	0·33	1.87232	0·18	1.11778	1·10	0.04836	0-42 1-49984	0 82	0-17604	0·23 49
12	0.74548	0·32	1.87243	0·20	1.11844	1·08	0.04861	0-43 1-50030	0 82	0-17618	0·23 48
13	0.74567	0·32	1.87255	0·18	1.11909	1·10	0.04887	0-42 1-50079	0 82	0-17632	0·23 47
14	0.74586	0·33	1.87266	0·18	1.11975	1·10	0.04912	0-43 1-50128	0 82	0-17646	0·23 46
15	0.74606	0·32	1.87277	0·18	1-12041	1.08	0-04938	0-42 1-50177	0 82	0-17660	0.23 45
16	0.74625	0·32	1.87288	0·20	1-12106	1.10	0-04963	0-42 1-5026	0 82	0-17674	0.25 44
17	0.74644	0·33	1.87300	0·18	1-12172	1.10	0-04988	0-43 1-50275	0 82	0-17689	0.23 48
18	0.74664	0·32	1.87311	0·18	1-12238	1.08	0-05014	0-42 1-50324	0 82	0-17703	0.23 42
19	0.74683	0·33	1.87322	0·20	1-12803	1.10	0-05039	0-43 1-50373	0 82	0-17717	0.23 41
20	0.74703	0·32	1.87334	0·18	1-12369	1·10	0.05065	0.42 1 50422	0 82	0-17731	0-23 40
21	0.74722	0·32	1.87345	0·18	1-12435	1·10	0.05090	0.43 1 50471	0 83	0-17745	0-25 39
22	0.74741	0·32	1.87356	0·18	1-12501	1·10	0.05116	0.42 1 50471	0 82	0-17760	0-23 38
23	0.74760	0·33	1.87367	0·18	1-12567	1·10	0.05141	0.42 1 50570	0 82	0-17774	0-23 37
24	0.74780	0·33	1.87378	0·20	1-12633	1·10	0.05166	0.43 1 50619	0 83	0-17788	0-23 36
25	0·74709	0·32	T-87390	0·18	1-12699	1·10	0.05192	0.42 1.50609	0 82	0 17802	0.23 35
26	0·74818	0·33	1-87401	0·18	1-12765	1·10	0.05217	0.43 1.50718	0 82	0 17816	0.25 34
27	0·74838	0·32	1-87412	0·18	1-12831	1·10	0.05213	0.42 1.50707	0 83	0 17831	0.23 38
28	0·74857	0·32	1-87423	0·18	1-12897	1·10	0.05268	0.43 1.50817	0 82	0 17845	0.23 32
29	0·74876	0·33	T-87434	0·20	1-12963	1·10	0.05294	0.42 1.50806	0 83	0 17850	0.25 31
30	0.74896	0·32	T-87446	0·18	1·13020	1·12	0-05319	0 43	0 83	0 17874	0 23 30
31	0.74915	0·32	1-87457	0·18	1·13096	1·10	0-05345		0 83	0 17888	0-23 29
32	0.74934	0·32	T-87408	0·18	1·13162	1·10	0-05370		0 83	0 17902	0-23 28
33	0.74953	0·33	T-87479	0·18	1·13228	1·12	0-05396		0 83	0 17916	0-25 27
34	0.74973	0·32	1-87490	0·18	1·13295	1·10	0-05421		0 83	0 17931	0 23 26
85	0.74992	0·82	1.87501	0·20	1·18361	1·12	0 05446	043 151185	0 83	0 17945	0 23 25
36	0.75011	0·32	1.87513	0·18	1·18428	1·10	0 05472	042 151215	0 83	0 17959	0 25 24
87	0.75030	0·33	1.87524	0·18	1·18494	1·12	0 05497	043 151265	0 82	0 17974	0 23 28
38	0.75050	0·32	1.87535	0·18	1·18561	1·10	0 05523	042 151314	0 83	0 17988	0 23 22
39	0.75069	0·32	1.87546	0·18	1·18627	1·12	0 05548	043 151361	0 83	0 18002	0 25 21
40	0.75088	0·82	T-87557	0·18	1-18694	1-12	0 05574	042 151415	68 0	0 18017	0-28 20
41	0.75107	0·82	1-87568	0·18	1-18761	1-12	0 05599	043 151465	68 0	0 18031	0-28 19
42	0.75126	0·83	1-87579	0·18	1-18828	1-10	0 05625	042 151515	68 0	0 18045	0-25 18
48	0.75146	0·82	T-87590	0·18	1-18894	1-12	0 05650	043 151565	88 0	0 18060	0-28 17
44	0.75165	0·32	1-87601	0·20	1-18961	1-12	0 05676	042 151615	88 0	0 18074	0-25 16
45	0·75184	0.82	T-87618	0·18	1-14028	1·12	0 05701	0 43 1 51665	0 85	0 18089	0-23 13
46	0·75208	0.82	T-87624	0·18	1-14095	1·12	0 05727	0 43 1 51716	0 83	0 18103	0-25 14
47	0·75222	0.82	T-87635	0·18	1-14162	1·12	0 05752	0 43 1 51716	0 85	0 18118	0-23 18
48	0·75241	0.83	T-87646	0·18	1-14229	1·13	0 05778	0 42 1 51817	0 85	0 18133	0-23 12
49	0·75261	0.83	T-87657	0·18	1-14296	1·13	0 05803	0 43 1 51867	0 85	0 18146	0-25 11
50 51 52 53 54	0·75280 0·75299 0·75318 0·75337 0·75856	0·32 0·32 0·32 0·32 0·32	f·87668 f·87679 f·87690 f·87701 f·87712	0·18 0·18 0·18 0·18	1·14868 1·14480 1·14498 1·14565 1·14682	1·12 1·13 1·12 1·12 1·13	0-05829 0-05854 0-05880 0-05905 0-05931	0-42 1 51918 0 43 1 51968 0 42 1 52019 0 43 1 52009 0 42 1 52120	0 83 0 85 0 83 0 85 0 85	0 18161 0 18175 0 18190 0 18294 0 18219	0 23 10 0 25 9 0 25 8 0 25 7 0 23 6
55	0·75875	0·33	1.87728	0·18	1·14699	1.13	0 05956	0 43 1 52171	0 85	0 18238	0 25 · 5
56	0·75895	0·82	1.87734	0·18	1·14767	1.12	0-05982	0 42 1 52222	0 83	0 18238	0 23 · 4
57	0·75414	0·32	1.87745	0·18	1·14834	1.13	0-06007	0 43 1 52278	0 83	0 18262	0 25 · 8
58	0·75488	0·32	1.87756	0·18	1·14902	1.12	0 06033	0 42 1 52374	0 85	0 18277	0 23 · 2
59	0·75462	0·32	1.87767	0·18	1·14969	1.13	0-06038	0 43 1 52374	0 85	0 18291	0 25 · 1
60	0.75471	11 1//	I-87778	71 7 <i>7</i>	1.15037	**************************************	0.08084	1-52425	*. 471	0 18306	0
ئـــــا	Cos.	17, I''.	Log Cos.	D. U.	Cot.	D. I",	Log Cot.	D. 1". Cosec.	D. 1".	Lang Curane	. 10, 17, 7

			ALLI	1101	71-1-0	2116	1101	12	XIII	CIL	K LOG	· .	49°
	Sino.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0 1 2 3 4	0.75471 0.75490 0.75509 0.75528 0.75547	0·32 0·32 0·32 0·32 0·32	$\overline{1}$:87778 $\overline{1}$:87789 $\overline{1}$:87800 $\overline{1}$:87811 $\overline{1}$:87822	0·18 0·18 0·18 0·18 0·18	1·15104 1·15172 1·15240	1·12 1·13 1·13 1·13 1·12	0.06084 0.06109 0.06135 0.06160 0.06186	0·42 0·43 0·42 0·43 0·42	1.52425 1.52476 1.52527 1.52579 1.52630	0.85 0.85 0.87 0.85 0.85	0·18306 0·18320 0·18335 0·18349 0·18364	0.23 0.25 0.23 0.25 0.25 0.23	60 59 58 57 56
5 6 7 8 9	0.75566 0.75585 0.75604 0.75628 0.75642	0·32 0·32 0·32 0·32 0·32	T·87833 T·87844 T·87855 T·87866 T·87877	0·18 0·18 0·18 0·18 0·17	1·15375 1·15443 1·15511 1·15579	1·13 1·13 1·13 1·13 1·13	0.06211 0.06237 0.06262 0.06288 0.06313	0·43 0·42 0·43 0·42 0·43	1.52681 1.52732 1.52784 1.52835 1.52886	0.85 0.87 0.85 0.85 0.87	0·18378 0·18393 0·18408 0·18422 0·18437	0·25 0·25 0·23 0·25 0·25	55 54 53 52 51
10 11 12 13 14	0.75661 0.75680 0.75700 0.75719 0.75738	0·32 0·33 0·32 0·32 0·30	T·87887 T·87898 T·87909 T·87920 T·87931	0·18 0·18 0·18 0·18 0·18	1·15715 1·15783 1·15851 1·15919	1·13 1·13 1·13 1·13	0.06339 0.06364 0.06390 0.06416 0.06441	0·42 0·43 0·43 0·42 0·43	1.52938 1.52989 1.53041 1.53092 1.53144	0.85 0.87 0.85 0.87 0.87	0·18451 0·18466 0·18481 0·18495 0·18510	0·25 0·25 0·23 0·25 0·25	50 49 48 47 46
15 16 17 18 19	0.75756 0.75775 0.75794 0.75813 0.75832	0·32 0·32 0·32 0·32 0·32	T-87942 1-87953 1-87964 1-87975 1-87985	0·18 0·18 0·18 0·17 0·18	1·16056 1·16124 1·16192 1·16261 1·16329	1·13 1·13 1·15 1·13	0.06467 0.06492 0.06518 0.06543 0.06569	0·42 0·43 0·42 0·43 0·42	1.53196 1.53247 1.53299 1.53351 1.53403	0.85 0.87 0.87 0.87 0.87	0·18525 0·18539 0·18554 0·18569 0·18583	0·23 0·25 0·25 0·23 0·25	45 44 43 42 41
20 22 23 23 24 24	0.75851 0.75870 0.75880 0.75908 0.75927	0·32 0·32 0·32 0·32 0·32	1.87996 1.88007 1.88018 1.88029 1.88040	0·18 0·18 0·18 0·18 0·18	1.16398 1.16466 1.16535 1.16603 1.16672	1·13 1·15 1·13 1·15 1·15	0.06594 0.06620 0.06646 0.06671 0.06697	0·43 0·43 0·42 0·43 0·42	1.53455 1.53507 1.53559 1.53611 1.53663	0.87 0.87 0.87 0.87 0.87	0·18598 0·18613 0·18628 0·18642 0·18657	0·25 0·25 0·23 0·25 0·25	40 39 38 37 36
25 27 28 29	0.75946 0.75965 0.75984 0.76003 0.76022	0·32 0·32 0·32 0·32 0·32	1.88051 1.88061 1.88072 1.88083 1.88094	0·17 0·18 0·18 0·18 0·18	1.16741 1.16809 1.16878 1.16947 1.17016	1·13 1·15 1·15 1·15 1·15	0.06722 0.06748 0.06773 0.06799 0.06825	0·43 0·42 0·43 0·43 0·42	1.53715 1.53768 1.53820 1.53872 1.53924	0.88 0.87 0.87 0.87 0.88	0·18672 0·18686 0·18701 0·18716 0·18731	0·23 0·25 0·25 0·25 0·25	35 34 33 32 31
30 31 32 33 34	0.76041 0.76059 0.76078 0.76097 0.76116	0·32 0·32 0·32 0·32 0·32	T-88105 1-88115 1-88126 1-88137 1-88148	0·17 0·18 0·18 0·18 0·17	1.17085 1.17154 1.17223 1.17292 1.17361	1·15 1·15 1·15 1·15 1·15	0.06850 0.06876 0.06901 0.06927 0.06952	0·43 0·42 0·43 0·42 0·43	1.53977 1.54029 1.54082 1.54134 1.54187	0.87 0.88 0.87 0.88 0.88	0·18746 0·18760 0·18775 0·18790 0·18805	0·23 0·25 0·25 0·25 0·25	30 29 28 27 26
35 36 37 38 39	0.76135 0.76154 0.76173 0.76192 0.76210	0·32 0·32 0·32 0·30 0·32	£88158 £88169 £88180 £88191 £88201	0·18 0·18 0·18 0·17 0·18	1.17430 1.17500 1.17509 1.17638 1.17708	1·17 1·15 1·15 1·17 1·15	0.06978 0.07004 0.07029 0.07055 0.07080	0.43 0.42 0.43 0.42 0.43	1.54240 1.54292 1.54345 1.54398 1.54451	0.87 0.88 0.88 0.88 0.88	0·18820 0·18834 0·18849 0·18864 0·18879	0·23 0·25 0·25 0·25 0·25	25 24 23 22 21
40 41 42 43 44	0.76229 0.76248 0.76267 0.76286 0.76304	0·32 0·32 0·32 0·30 0·32	1.88212 1.88223 1.88234 1.88244 1.88255	0·18 0·18 0·17 0·18 0·18	1·17777 1·17846 1·17916 1·17986 1·18055	1·15 1·17 1·17 1·15 1·17	0.07106 0.07132 0.07157 0.07183 0.07208	0·43 0·42 0·43 0·42 0·43	1.54504 1.54557 1.54610 1.54663 1.54716	0.88 0.88 0.88 0.88	0·18894 0·18909 0·18924 0·18939 0·18953	0·25 0·25 0·25 0·23 0·25	20 19 18 17 16
45 46 47 48 49	0.76323 0.76342 0.76361 0.76380 0.76398	0·32 0·82 0·82 0·80 0·82	1.88200 1.88276 1.88287 1.88298 1.88308	0·17 0·18 0·18 0·17 0·18	1·18264 1·18334	1·15 1·17 1·17 1·17 1·17	0·07234 0·07260 0·07285 0·07311 0·07337	0·43 0·42 0·43 0·43 0·42	1.54876 1.54929		0·18968 0·18983 0·18998 0·19013 0·19028		15 14 13 12 11
50 51 52 53 54	0.76417 0.76436 0.76455 0.76478 0.76492	0.82 0.82 0.80 0.82 0.32	I-88319 I-88330 I-88340 I-88351 I-88362	0·18 0·17 0·18 0·18 0·17	1.18474 1.18544 1.18614 1.18684 1.18754	1·17 1·17 1·17 1·17 1·17	0.07362 0.07388 0.07413 0.07439 0.07465	0·43 0·42 0·43 0·43 0·42	1.55036 1.55089 1.55143 1.55196 1.55250	0.88 0.90 0.88 0.90 0.88	0·19043 0·19058 0·19078 0·19088 0·19103	0.25 0.25 0.25 0.25 0.25	10 9 8 7 6
55 57 58 59	0.76511 0.76530 0.76548 0.76567 0.76586	0·32 0·30 0·32 0·32 0·30	1.88372 1.88388 1.88394 1.88404 1.88415	0·18 0·18 0·17 0·18 0·17	1.18824 1.18894 1.18964 1.19035 1.19105	1·17 1·17 1·18 1·17 1·17	0.07490 0.07516 0.07542 0.07567 0.07593	0·43 0·43 0·42 0·43 0·43	1.55303 1.55357 1.55411 1.55465 1.55518	0.90 0.90 0.90 0.88 0.90	0·19118 0·19133 0·19148 0·19163 0·19178	0.25 0.25 0.25 0.25 0.25 0.25	5 4 3 2 1
60	0.76604	and the second s	I-88425		1.19175	yden vyrydnigdir	0.07619		1.55572	T) 427	0·19193	T> 4"	0
	Cos.	D. 1".	Log Cos.	1). 1".	Cot.	D, 1".	Log Cot.	D. 1".		D. 1".	Log Cosec.	D. 1".	400

	7 7 7 7											- 00.
,	Sine,	D. 1".	Log Sin.	D. 1".	Tan,	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".
0	0.76604	0.32	1.88425	0.18	1.19175	1.18	0.07619	0.42	1.555572	0.90	0.19193	0.25 60
1	0.76623	0.32	1.88436	0.18	1-19246	1.17	0.07644	0.43	1:55626	0.90	0.19208	0.25 59
2	0.76642	0.32	1.88447	0.17	1.19316	1.18	0.07070	0.43	1.55680	0.90	0.19223	0.25 58
3	0.76661	0.80	1.88457	0.18	1:19387	1.17	0.07696	0.42	1.55734	0.92	0.19238	
			1.88468	0.17	1-19457	1.18	0.07721	0.43	1-55789	0.90	0.19254	1 7 1
4	0.76679	0.32										0.25 56
5	0.76698	0.32	1.88478	0.18	1419528	1.18	0.07747	0.43	1.55843	0 90	0.19269	0.25 55
6	0.76717	0.30	1.88489	0.17	1-19599	1.17	0.07773	0.42	1-55897	0.90	0.19284	0.25 54
7	0.76735	0.32	1.88499	0.18	1:19669	1.18	0.07798	0.43	1.55951	0.90	0.19299	0.25 53
8	0.76754	0.80	1.88510	0.18	1.19740	1.18	0.07824	0.43	1.56005	0.92	0.19314	0.25 52
ğ	0.76772	0.32	1.88521	0.17	1.19811	1.18	0.07850	0.42	1.56060	0.90	0.19329	0.25 51
								1				
10	0.76791	0.82	1.88831	0.18	1.19882	1.18	0.07875	0.48	1.56114	0.02	0.19344	0.25 50
11	0.76810	0.30	1.88542	0.17	1.19953	1.18	0.07901	0.43	1 56169	0.00	0.19359	0.27 49
12	0.76828	0.32	1.88552	0.18	1.20024	1.18	0.07927	0.45	1.56223	0.02	0.19375	0.25 48
18	0.76847	0.82	1.88563	0.17	1.20095	1.18	0.07952	0.43	1 56278	0.90	0 19390	0.25 47
14	0.70866	0.80	1.88573	0.18	1.20166	1.18	0.07978	0.43	1 56332	0.92	0.19405	0.25 46
				11.17	1.00007	1.10	angunt	0.42	1 56387	0.92	0.10.100	1 1
15	0.76884	0.32	1.88584	0.17	1.20237	1.18	0.08004				0.19420	0.25 45
16	0.76903	0.30	1.88594	0.18	1.20308	1.18	0.08020	0.43	1 56412	0.92	0.19435	0.25 44
17	0.76921	0.32	1.88605	0.17	1.20379	1.20	0.08055	0.43	1 56497	0.90	0 10450	0.27 48
18	0.76940	0.82	1.88615	0.18	1.20451	1-18	0.08081	0.43	1 56551	0.95	0 19466	0.25 42
19	0.76959	0.30	1.88626	0.17	1.20522	1.18	0.08107	0.42	1 56606	0.02	0.19481	0.25 41
20	0.76977	0.32	1.88636	0.18	1.20593	1.20	0.08132	0.43	1 50061	0.92	0.19496	0.25 40
21		0.30	1.88647	0.17	1.20665	1.18	0.08158	0.43	1 56716	0.52	0 19511	0.27 39
	0.76996			0.17	1.20786	1.20	0.08184	11-42	156771	0.92	0 19527	
22	0.77014	0.82	1.88657						1 56826			0.25 38
23	0.77088	0.80	1.88068	0.17	1.20808	1.18	0.08209	0.43		0.92	0 105 12	0.25 37
24	0.77051	0.82	1.88678	0.17	1.20879	1.20	0.08235	0.43	1 Edna1	0 93	0.19557	0.25 36
25	0.77070	0.80	T-88688	0.18	1.20951	1.20	0.08261	0.43	1 56937	0.92	0.19572	0.27 35
26	0.77088	0.82	1.88699	0.17	1.21033	1.18	0-08287	0.42	1 56992	0.92	0.19588	0 25 34
27	0.77107	0.80	1.88709	0.18	1-21094	1.20	0.08312	0.43	1 57047	0.03	0 19603	0 25 38
28	0.77125	0.82	1.88720	0.17	1.21166	1.20	0.08338	0.43	1 57103	0.92	0 19618	0.27 32
29	0.77144	0.80	1.88730	0.18	1.21238	1.20	0.08364	0.43	1 57158	0.92	0 19634	0 25 31
	[ı				1				1
30	0.77162	0.82	1.88741	0.17	1.21310	1.20	0.08390	0.43	1.57213	0.93	0.19649	0 25 30
31	0.77181	0.30	1.88751	0.17	1-21382	1 20	0.08415	0.43	1 57 262	0.03	n tunit	0 27 29
32	0.77199	0.82	1.88761	0.18	1.21454	1.20	0.08441	0.43	1 57324	0.03	0.19680	0 25 28
88	0.77218	0.80	1.88772	0.17	1-21526	1.20	0.08467	0.43	1 57380	0.93	0.10695	0.25 27
84	0.77236	0.32	1.88782	0.18	1-21598	1.20	0 08493	0 42	1 57436	0.92	015710	0.27 26
	ľ											
85	0.77255	0.80	1.88798	0.17	1-21070	1.20	O ORBIN	0.43	1 57 491	11 113	0 19790	0.25 25
36	0.77278	0.32	1.88803	0.17	1-21743	1.20	0.08514	0.421	1 57547	0 93	0 10741	025 24
87	0.77292	0.30	1.88818	0.18	1.21814	1.20	0.08570	0.43	1 57403	0.03	0 19756	0 27 , 23
88	0.77310	0.83	T-88854	0.17	121886	1.22	o osbud	0.45	1 57659	0.03	0 19773	0.25 22
30	0.77329	0.30	1.88834	0.17	1 21050	1 20	0-08621	0.43	157715	0 212	u 19787	0 27 21
40	0.77347	0.82	1.88844	0.18	1-22031	1-222	0-08647	0 43	1 57771	0.00	0.19803	0 25 20
41	0.77366	0.30	1.88855	0.17	1-22104	1.20	0.08673	0 43		0.93	DIDNIN	0 27 19
42	0.77884	0.80	1.88865	0-17	1.22176	1 22	0-08699	0.42		0.93	0 19834	0 25 18
43	0.77402	0.82		0.18						0.93	0 10849	0 25 17
44			1.88875		1-22249	1 20	0.08734	0.43				
41.48	0.77421	0.80	1.88880	0.17	1-222221	1 22	0.08750	0 42	1 57 1115	11 717	n 10894	0 27 16
45	0.77439	0.83	1.88890	0.17	1-22394	1 22	0.08776	0.48	1 56661	មេម្	ti liindi	0 25 15
46	0.77458	0.80	1.88900	0.18	1.92467	1.20	0.08802	0.43	1 bulles	0 93	ល ស្រែកម្មក្	0 27 14
47	0.77470	0.30	1.88917	0.17	1 22530	1 22	0.08828	0 42	158164	41.315	0.19911	0.25 13
48	0.77494	0.32	1.88927	0.17	1-22612	1 22	O ONNAS	0.43	1	0 93	0 19926	0 27 12
49	0.77518	0.80	1.88937	0.18	1-22685	1 22	0.08879	0.43	1 An277	0.03	0 19942	0 25 11
									1			2
80	0.77531	0.32	1.88048	0.17	1-2275H	1.22	а омянь	0 43		0.95	0 19957	0 27 10
51	0.77550	0.30	1.88958	0.17	1.22831	1 22	o oxuat	O 42	1 1/2/1981	11 217	u 114978	0.25 9
52	0.77508	0.30	1-88008	0.17	1.53804	1 .02	0 08957	11 42	1 58447	អ អង	ti lunah	0 27 8
58	0.77586	0.32	1.88978	0-18	1-22977	1.22	и инява	0 43	1 amana	0.95	0 50004	u-25 7
54	0.77605	0.30	1.88989	0.17	1.23050	1.22	RODGO U	0.43	1 hannu	u na	0 20019	u 27 6
55	0.77628	0.80	1.88999	0.17							** ******	0 25 5
56	0.77641		1.89009		1.23123	1 22	0 09034	0 48		0 95	០ ដូច០ដូត	
		0.82	_	0-18	1.23196	1.23	n-uyudu		1 BMAT 4	មេស្ត	0 20050	0.27 4
57	0.77660	0.30	1-89020		1.23270	1.22	o oposa		1 58731	0 95	0 20066	0.27 : 3
88	0.77678	0.80	1.89030		1.23343	1.33	0 09111		1 ANTHH	ti Hā	u goong	0 25 3
59	0.77696	0.32	1.89040	0.17	1.23416	1 28	0 09137	0.43	1 hunth	unt	u 20097	027 1
60	0.77715		1.89050		1.23490		0-09163		1 58902		0 20113	0
-Witalian	Taggree of the spanner	ner mensus nonces nor n	district" 1 Ar		The second second							2 To 10000000
L	Cos.	D. 1",	Log Cos.	D, 1",	Cot.	D. 1".	Log Cut.	I> 1".	Camen	D. 1".	lagt mer	. 17.17.7

7 7	VIGO.	IVOI	ATTOTT	CICE	IL L	אונ	TION	12	X IH	EIR	LOG	S.	51°		
-	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".			
0	0.77715	0.30	1.89050	0.17	1.23490	1.22	0.09163	0.43	1.58902	0.95	0.20113	0.25	60		
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	$0.77733 \\ 0.77751$	$0.30 \\ 0.30$	1.89060 1.89071	0·18 0·17	1.23563	1.23	0.09189	0.43	1.58959	0.95	0.20128	0.27	59		
3	0.77769	0.32	T-89081	0.17	1.23637 1.23710	$1.22 \\ 1.23$	0.09215 0.09241	0·43 0·42	1.59016 1.59073	0.95	0.20144	0.27	58 57		
4	0.77788	0.30	Ī·89091	0.17	1.23784	1.23	0.09266	0.43	1.59130	$0.95 \\ 0.97$	$0.20160 \\ 0.20175$	$0.25 \\ 0.27$	56		
5	0.77806	0.30	T.89101	0.18	1.23858	1.22	0.09292	0.43	1.59188	0.95	0.20191	0.27	55		
6	0.77824	0.32	I-89112	0.17	1.23931	1.23	0.09318	0.43	1.59245	0.95	0.20207	0.25	54		
8	$0.77843 \\ 0.77861$	$0.30 \\ 0.30$	$\frac{1.89122}{1.89132}$	0·17 0·17	1.24005 1.24079	$1.23 \\ 1.23$	0.09344	0.43	1.59302	0.97	0.20222	0.27	53		
9	0.77879	0.30	1.89142	0.17	1.24153	1.23	0.09370 0.09396	0·43 0·43	1.59360 1.59418	$0.97 \\ 0.95$	0.20238 0.20254	$0.27 \\ 0.25$	52 51		
10	0.77897	0.32	T-89152	0.17	1.24227	1.23	0.09422	0.42	1.59475	0.97	0.20269	0.27	50		
11	0.77916	0.30	1.89162	0.18	1.24301	1.23	0.09447	0.43	1.59533	0.95	0.20285	0.27	49		
12 13	$0.77934 \\ 0.77952$	0.30	1.89173 1.89183	0·17 0·17	1.24375	1.23	0.09473	0.43	1.59590	0.97	0.20301	0.25	48		
14	0.77970	0.30	1.89193	0.17	1.24449 1.24523	$1.23 \\ 1.23$	0.09499 0.09525	0·43 0·43	1.59648 1.59706	0·97 0·97	$0.20316 \\ 0.20332$	$0.27 \ 0.27$	47		
15	0.77988	0.32	1.89203	0.17	1.24597	1.25	0.09551	0.43	1.59764	0.97	0.20348	0.27	45		
16	0.78007	0.30	1.89213	0.17	1.24672	1.23	0.09577	0.43	1.59822	0.97	0.20364	0.25	44		
17	0.78025	0.30	1.89223	0.17	1.24746	1.23	0.09603	0.43	1.59880	0.97	0.20379	0.27	43		
$\frac{18}{19}$	0.78043 0.78061	0.30	1.89233 1.89244	0·18 0·17	1.24820 1.24895	$1.25 \\ 1.23$	0.09629 0.09654	0.42	1.59938 1.59996	0.97	0.20395	0.27	42		
20	0.78079	0.32	1.89254	0.17	1.24969	1.25	0.09680	0.43		0.97	0.20411	0.27	41		
21	0.78008	0.30	1.89264	0.17	1.25044	1.23	0.09080	0·43 0·43	1.60054 1.60112	$\begin{array}{c} 0.97 \\ 0.98 \end{array}$	0.20427 0.20442	$0.25 \\ 0.27$	40 39		
22	0.78116		1.89274	0.17	1.25118	1.25	0.09732	0.43	1.60171	0.97	0.20458	0.27	38		
$\frac{23}{24}$	0.78134 0.78152	0.30 0.30	T·89284 T·89294	0·17 0·17	1.25193	1.25	0.09758	0.43	1.60229	0.97	0.20474	0.27	37		
25	0.78170		1.89304	0.17	1.25268	1.25	0.09784	0.43	1.60287	0.98	0.20490	0.27	36		
26	0.78188		1.89314	0.17	1.25343 1.25417	$1.23 \\ 1.25$	0.09810 0.09836	0·43 0·43	1.60346 1.60404	0·97 0·98	$0.20506 \\ 0.20522$	$0.27 \\ 0.25$	35		
27	0.78206		1.89324	0.17	1.25492	1.25	0.09862	0.43	1.60463	0.97	0.20537	0.27	33		
28	0.78225		1.89334	0.17	1.25567	1.25	0.09888	0.43	1.60521	0.98	0.20553	0.27	32		
29	0.78243		1.89344	0.17	1.25642	1.25	0.09914	0.42	1.60580	0 ·98	0.20569	0.27	31		
30	0.78261		1.89354 1.89364	$0.17 \\ 0.18$	1.25717 1.25792	1.25	0.00065	0.43		0.98	0.20585	0.27	30 29		
32	0.78297		1.89375	0.17	1.25867	1.25 1.27	0.09965 0.09991	$0.43 \\ 0.43$	1.60698 1.60756	$0.97 \\ 0.98$	0.20601 0.20617	$0.27 \\ 0.27$	28		
33	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$														
34	0.78333			0.17	l	1.25	0.10043	0.43	1.60874	0.98	0.20649	0.27	1		
35	$\begin{array}{cccccccccccccccccccccccccccccccccccc$														
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$														
38	$\begin{array}{cccccccccccccccccccccccccccccccccccc$														
39	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$														
40	0.78-142		1.89455	0.17	1.26471	1.25	0.10199	0.43	1.61229	0.98	0.20744	0.27	20		
41 42	0.78460 0.78478		1.89465 1.89475	0·17 0·17	1.26546 1.26622	$\substack{1\cdot27\\1\cdot27}$	0.10225 0.10251	0.43	1.61288 1.61348	$\frac{1.00}{0.98}$	$0.20760 \\ 0.20776$	$0.27 \\ 0.27$	19 18		
43	0.78498		1.89485	0.17	1.20022	1.27	0.10231	0.43	1.61407	1.00	0.20792	0.27	17		
44	0.78514		1.89495	0.15	1.26774	1.25	0.10303	0.43	1.61467	0.98	0.20808	0.27	16		
45	0.78532		1.89504	0.17	1.26849	1.27	0.10329	0.43	1.01526	1.00	0.20824	0.27	15		
40	0.78550		1.80514 1.80524	0.17	1.26925	1.27	0·10355 0·10381	0.43		$\begin{array}{c} 1.00 \\ 0.98 \end{array}$	$0.20840 \\ 0.20856$	$0.27 \\ 0.27$	14 13		
47	0.78586		1.89534	0·17 0·17		$1.27 \\ 1.27$	0.10361	0·43 0·43		1.00	0.20872	0.28	12		
49		0.30	1.89544	0.17	1.27153	1.28	0.10433	0.43	1.61765	1.00	0.20889		11		
50	0.78622	0.80	£89554	0.17	1.27280	1.27	0.10459	0.43	1.61825	1.00	0.20905	0.27	10		
51	0.78640		1.89504	0.17	1.27306	1.27	0.10485	0.43	1.61885	1.00	0.20921	0.27	9		
52 58	0.78658		1.89574 1.89584	0·17 U·17	1.27382 1.27458	$\substack{1\cdot27\\1\cdot28}$	0·10511 0·10537	0·43 0·43	1.61945 1.62005	$\frac{1.00}{1.00}$	0.20937 0.20953	$0.27 \\ 0.27$	8 7		
54			1.89594	0.17	1.27535	1.27	0.10563	0.43	1.62065	1.00	0.20969	0.27	6		
55	0.78711		1.89604	0.17	1.27611	1.28	0.10589	0.43	1.62125	1.00	0.20985	0.27	5		
56	0.78729	0.30	1.89614	0.17	1.27688	1.27	0.10615	0.43	1.62185	1.02	0.21001	0.27	4		
57	0.78747	0.80	$1.89624 \\ 1.89633$	0.15	1.27764	$1.28 \\ 1.27$	0.10641 0.10667	0·43 0·43	1.62246 1.62306	$1.00 \\ 1.00$	$0.21017 \\ 0.21033$	$0.27 \\ 0.28$	3 2		
58 59	0.78765 0.78783	0.30	1.89633 1.89643	0·17 0·17	$1.27841 \\ 1.27917$	1.27	0.10698	0.43	1.62306	1.00	0.21033 0.21050	0.27	ī		
60	0.78801	3	T-89653		1.27994		0.10719		1.62427		0.21066		0		
IN STREET, STR	Cos.	D, 1",	Log Cos.	D. 1"	Cot.	D. 1".	Log Cot.	D. 1".		D. 1".	Log Cosec.	D. 1".	1		
-	1 27794	2.1.4.1			arts of th								38°		
			Propor	ional	arts of the Parts of	the ot	her Funct	ions m	rust be ad	ded.		281	JO		
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0.78816 0.30 0.89063 0.17 1.28071 1.28071 1.28071 0.28 0.181248 1.00 0.21088 0.27 0.28 0.78837 0.30 0.88068 0.17 1.28295 1.28 0.1071 0.43 1.62069 1.00 0.21101 0.27 0.2	'	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	· i	D. 1".		1), 1".
0	0	0.78801	0.30	T-89653								0.27 60
2 0.78837 0.30 1.880673 0.17 1.928145 1.28 0.1071 0.43 1.02448 1.02 0.21113 0.27 56 5 0.78801 0.30 1.88063 0.15 1.28302 1.28 0.1073 0.43 1.02600 1.00 0.21113 0.27 56 5 0.78801 0.30 1.88063 0.15 1.28302 1.28 0.10815 0.43 1.02730 1.02 0.21131 0.27 56 5 0.78801 0.30 1.88063 0.17 1.28265 1.28 0.10875 0.43 1.02730 1.02 0.21131 0.27 56 5 0.78801 0.30 1.880739 0.17 1.28361 1.28 0.10875 0.43 1.02730 1.02 0.21131 0.27 56 5 0.78804 0.30 1.880739 0.17 1.28361 1.28 0.10827 0.14 1.02 0.21131 0.27 56 5 0.78804 0.30 1.880739 0.17 1.28367 1.28 0.10824 0.43 1.02571 1.02 0.21130 0.27 52 0.78806 0.30 1.88073 0.17 1.28367 1.28 0.10824 0.43 1.02371 1.02 0.21130 0.27 58 1.07 0.08 0.00 1.88073 0.17 1.28367 1.28 0.10804 0.43 1.03035 1.02 0.21130 0.27 58 1.07 0.08 0.00 1.88073 0.17 1.28367 1.28 0.10824 0.43 1.03035 1.02 0.21130 0.27 58 1.07 0.08 0.00 1.88073 0.17 1.28367 1.28 0.1082 0.43 1.03035 1.02 0.21130 0.27 4.0 1.07 0.08 0.00 1.88073 0.17 1.28367 1.28 0.1082 0.43 1.03137 1.02 0.21130 0.27 4.0 1.07 0.00 0.00 0.00 1.88073 0.17 1.28367 1.28 0.1185 0.04 0.00 0.43 1.03135 1.02 0.21130 0.27 4.0 1.07 0.00 0.00 0.00 1.88073 0.17 1.29074 1.30 0.1185 0.43 1.0315 1.02 0.21130 0.27 4.0 1.07 0.00 0.00 0.00 1.88073 0.17 1.29074 1.30 0.1185 0.43 1.03245 1.02 0.21130 0.27 4.0 1.07 0.00 0.00 0.00 1.88083 0.17 1.29074 1.30 0.1185 0.43 1.0305 1.00 0.21330 0.27 4.0 1.07 0.00 0.00 0.00 1.88083 0.17 1.29085 1.30 0.1180 0.43 1.0305 1.00 0.21335 0.27 4.0 1.07 0.00 0.00 0.00 0.00 0.00 0.00 0.				1.89663	0.17	1.28071						
0.78855 0.90 1.89683 0.15 1.28802 1.28 0.10737 0.43 1.92609 1.00 0.21114 0.28 57 0.78881 0.28 1.89702 0.17 1.28879 1.28 0.10840 0.43 1.92603 0.20 0.21134 0.27 56 0.78908 0.30 1.89712 0.17 1.28879 1.28 0.10840 0.43 1.92701 0.20 0.21147 0.27 56 0.78908 0.30 1.89722 0.17 1.28861 1.28 0.10917 0.43 1.62873 1.02 0.21170 0.27 58 0.78908 0.30 1.89722 0.17 1.28861 1.28 0.10914 0.43 1.62873 1.02 0.21171 0.27 58 0.78908 0.30 1.8972 0.17 1.28812 1.28 0.11080 0.43 1.63971 1.02 0.21212 0.27 51 0.78908 0.30 1.8973 0.17 1.28917 1.28 0.11080 0.43 1.63971 1.02 0.21212 0.27 51 0.78908 0.30 1.8978 0.17 1.28917 1.28 0.11080 0.43 1.63971 1.02 0.21213 0.27 37 0.79007 0.30 1.8978 0.17 1.28917 1.28 0.11080 0.43 1.63971 1.02 0.21241 0.28 38 0.79038 0.30 1.8978 0.17 1.28917 1.28 0.11080 0.43 1.63273 1.03 0.21238 0.27 34 0.79087 0.30 1.89810 0.16 1.29152 1.28 0.11180 0.43 1.63241 1.02 0.21238 0.27 34 0.79087 0.30 1.89810 0.16 1.29152 1.28 0.11180 0.43 1.63241 1.02 0.21390 0.27 34 0.79168 0.30 1.89800 0.17 1.29387 1.30 0.11180 0.43 1.63241 1.02 0.21390 0.27 34 0.79168 0.30 1.89800 0.17 1.29387 1.30 0.11180 0.43 1.63341 1.02 0.21390 0.27 34 0.79168 0.30 1.89800 0.17 1.29387 1.30 0.11180 0.43 1.63341 1.02 0.21380 0.27 34 0.79168 0.30 1.89800 0.17 1.29168 1.30 0.11180 0.43 1.63451 1.03 0.21436 0.28 34 0.79168 0.30 1.89800 0.17 1.29168 1.30 0.11180 0.43 1.63451 1.03 0.21436 0.28 34 0.79169 0.30 1.89800 0.17 1.29168 1.30 0.11180 0.43 1.63451 1.03 0.21436 0.28 0.27 34 0.79168 0.30 1.89800 0.17 1.29168 1.30 0.11124 0.45 1.65451 0.		0.78837	0.30	1.89673	0.17	1.28148						0.27 58
			0.30	1.89683	0.17	1.28225						0.28 57
6 Cy8808 0.30 188712 0.17 128456 128 0.10875 0.43 1.027814 0.30 1.02722 0.17 128813 128 0.10874 0.43 1.02872 0.17 128810 128 0.10937 0.45 1.02803 1.020 0.21105 0.28 0.21105 0.28 0.21105 0.28 0.21105 0.28 0.21105 0.28 1.02 0.21105 0.28 1.02 0.21105 0.28 1.02 0.21105 0.28 1.02 0.21105 0.28 1.02 0.21105 0.28 1.02 0.21204 0.20 0.21214 0.28 0.21204 0.22 0.27 0.27 1.02 0.21204 0.22 0.27 0.27 1.02 0.21210 0.28 1.02711 0.28 1.02711 0.28 1.02807 1.02 0.21214 0.28 1.02807 0.27 4.02 0.21214 0.02 0.22144 0.028 0.22 0.22 0.22 0.02144 0.02 0.22		0.78873	0.30	1.89693	0.15	1.28302	1.28	0.10823	0-13 1-62669	1.02		0.27 56
6 Cy8808 0.30 188712 0.17 128456 128 0.10875 0.43 1.027814 0.30 1.02722 0.17 128813 128 0.10874 0.43 1.02872 0.17 128810 128 0.10937 0.45 1.02803 1.020 0.21105 0.28 0.21105 0.28 0.21105 0.28 0.21105 0.28 0.21105 0.28 1.02 0.21105 0.28 1.02 0.21105 0.28 1.02 0.21105 0.28 1.02 0.21105 0.28 1.02 0.21105 0.28 1.02 0.21204 0.20 0.21214 0.28 0.21204 0.22 0.27 0.27 1.02 0.21204 0.22 0.27 0.27 1.02 0.21210 0.28 1.02711 0.28 1.02711 0.28 1.02807 1.02 0.21214 0.28 1.02807 0.27 4.02 0.21214 0.02 0.22144 0.028 0.22 0.22 0.22 0.02144 0.02 0.22	5	0.78891	0.28	1.89702	0.17	1.28379	1.28	0.10849	0-43 1-62730	1.02	0.21147	0.27 55
7 0.78926 0.30 1.89732 0.17 128833 1288 0.10901 0.43 1.42852 1.02 0.21179 0.27 53 0.78962 0.30 1.89742 0.17 1288161 1288 0.10954 0.43 1.42871 1.02 0.21212 0.27 51 10 0.78980 0.30 1.89742 0.17 128812 128 0.11095 0.43 1.63031 1.02 0.21213 0.27 51 11 0.78988 0.30 1.89761 0.17 128812 128 0.11095 0.43 1.63031 1.02 0.21214 0.28 49 11 0.78988 0.30 1.89771 0.17 128817 1.28 0.11032 0.43 1.63031 1.02 0.21214 0.27 43 13 0.79033 0.30 1.89781 0.17 128817 1.28 0.11032 0.43 1.63031 1.02 0.21213 0.27 43 15 0.79035 0.30 1.89781 0.17 128817 1.28 0.11035 0.43 1.63218 1.02 0.21237 0.27 47 17 0.79105 0.30 1.89810 0.15 129152 1.28 0.11036 0.43 1.63218 1.02 0.21239 0.27 48 16 0.70087 0.30 1.89810 0.15 129152 1.28 0.1110 0.43 1.63311 0.2 0.21309 0.27 48 16 0.70087 0.30 1.89810 0.17 129237 1.30 0.11136 0.43 1.63421 0.2 0.21309 0.27 48 18 0.76122 0.30 1.89830 0.17 129337 1.30 0.11136 0.43 1.63421 0.2 0.21309 0.27 48 18 0.76122 0.30 1.89830 0.17 129387 1.30 0.11136 0.43 1.63431 1.02 0.21336 0.27 43 18 0.76122 0.30 1.89830 0.17 129387 1.30 0.11120 0.43 1.63431 1.02 0.21336 0.27 43 18 0.76122 0.30 1.89830 0.17 129383 1.30 0.11120 0.43 1.63451 1.02 0.21336 0.28 1.02 0.21336 0.21336 0.28 1.02 0.21336 0.21336 0.23 1.02 0.21336 0.23 1.02 0.21336 0.23 1.02 0.21336 0.2						1.28456	1.28	0.10875	0.43 [1.62791	1.02		
8 0.78844 0.30 1.89732 0.17 1.28810 1.28 0.10937 0.45 1.62913 1.02 0.21155 0.28 5.29 0.78865 0.30 0.78865 0.30 0.10936 0.31 1.02 0.21228 0.27 51 1.078986 0.30 5.89752 0.15 1.28845 1.28 0.11006 0.43 1.63035 1.02 0.21228 0.27 51 1.078986 0.30 5.89751 0.17 1.28919 1.30 0.11036 0.43 1.63416 1.02 0.21216 0.27 41 0.79051 0.30 1.89871 0.17 1.28919 1.28 0.11036 0.43 1.63416 1.02 0.21236 0.27 41 0.79051 0.30 1.89801 0.15 1.29229 1.30 0.11046 0.43 1.63416 1.02 0.21238 0.27 41 0.79051 0.30 1.89801 0.15 1.29229 1.30 0.11046 0.43 1.63441 1.02 0.21336 0.27 44 1.079105 0.28 1.89830 0.17 1.29236 1.30 0.11136 0.43 1.63464 1.02 0.21342 0.27 43 1.079105 0.28 1.89830 0.17 1.29387 1.30 0.11136 0.43 1.63464 1.02 0.21342 0.27 43 1.079105 0.28 1.89830 0.17 1.29385 1.30 0.11136 0.43 1.63464 1.02 0.21342 0.27 43 1.079105 0.28 1.89830 0.17 1.29385 1.30 0.11136 0.43 1.63464 1.02 0.21342 0.27 43 1.079105 0.28 1.89830 0.17 1.29385 1.30 0.11136 0.43 1.63464 1.02 0.21342 0.27 43 1.079105 0.28 1.89850 0.17 1.29461 1.28 0.11136 0.43 1.63464 1.02 0.21375 0.27 44 0.79029 0.30 1.89886 0.17 1.29461 1.28 0.11136 0.43 1.63464 1.03 0.21468 0.27 38 0.79114 0.30 1.89850 0.17 1.29618 1.30 0.11136 0.43 1.63464 1.03 0.21468 0.27 38 0.79114 0.30 1.89850 0.17 1.29618 1.30 0.11370 0.43 1.63334 1.03 0.21476 0.28 37 0.79140 0.30 1.89886 0.17 1.29618 1.30 0.11370 0.43 1.63334 1.03 0.21476 0.28 37 0.79140 0.30 1.89886 0.17 1.29961 1.30 0.11370 0.43 1.63334 1.03 0.21476 0.28 37 0.79235 0.30 1.89886 0.17 1.29961 1.30 0.11370 0.43 1.63334 1.03 0.21476 0.28 37 0.79235 0.30 1.89886				1.89722	0.17	1.28533	1.28	0.10901		1.02	0.21179	
0			0.30	1.89732	0.17	1.28610					0 21195	0.28 52
12		0.78962	0.30	1.89742	0.17	1.28687	1.28	0.10954		1.02	0.21212	0.27 51
11	nn	0.78980	0.30	1.89752	0-15	1.28704	1.30	0.10980	0-43 1-63035	1.02	0.21228	0.27 50
12 0-79016 0-28 1-80771 0-17 1-28019 1-30 0-11030 0-43 1-63157 1-02 0-21261 0-27 47 13 0-79051 0-30 1-80791 0-17 1-29074 1-30 0-11036 0-43 1-63279 1-03 0-21230 0-27 47 15 0-79057 0-30 1-80810 0-17 1-29029 1-30 0-11116 0-43 1-63461 1-02 0-21336 0-27 44 17 0-79105 0-28 1-80830 0-17 1-29230 1-30 0-11116 0-43 1-63461 1-02 0-21336 0-27 44 18 0-79129 0-30 1-80830 0-17 1-29230 1-30 0-11136 0-43 1-63461 1-02 0-21336 0-27 44 18 0-79129 0-30 1-80830 0-17 1-29230 1-30 0-11146 0-43 1-63461 1-02 0-21336 0-27 44 18 0-79129 0-30 1-80830 0-17 1-29386 1-30 0-11146 0-43 1-63461 1-02 0-21336 0-27 44 1-20 0-21336 0-2133								0.11006	0.43 1.63096	1.02	0.21244	
18 0-79063 0-30 1-89781 0-17 1-28097 1-28 0-11058 0-34 1-63273 1-30 0-121273 0-27 1-7 16 0-79067 0-30 1-89801 0-15 1-29152 1-28 0-11110 0-43 1-63273 1-30 0-21203 0-27 44 17 0-79105 0-28 1-89802 0-17 1-29367 1-30 0-11185 0-33 1-63364 1-02 0-21309 0-28 45 18 0-79122 0-30 1-89830 0-17 1-29367 1-30 0-11185 0-33 1-63365 1-30 0-21332 0-27 34 19 0-79158 0-30 1-89830 0-17 1-29367 1-30 0-11125 0-43 1-63365 1-30 0-21335 0-27 34 19 0-79158 0-30 1-89880 0-17 1-29367 1-30 0-11241 0-43 1-63365 1-30 0-21305 0-27 34 19 0-79158 0-30 1-89880 0-17 1-29361 1-30 0-11247 0-43 1-63357 1-20 0-21375 0-27 34 19 0-79157 0-28 1-89880 0-17 1-29381 1-30 0-11237 0-48 1-63710 1-30 0-21408 0-27 38 20 0-79163 0-30 1-89880 0-17 1-29381 1-30 0-11237 0-48 1-63710 1-30 0-21408 0-27 38 25 0-791247 0-28 1-89888 0-17 1-29381 1-30 0-11371 0-48 1-63957 1-30 0-21476 0-27 38 25 0-791247 0-28 1-89888 0-17 1-29381 1-30 0-11371 0-48 1-63957 1-30 0-21476 0-27 38 25 0-79282 0-30 1-89987 0-17 1-30069 1-30 0-11371 0-48 1-63957 1-30 0-21476 0-27 34 27 0-79282 0-30 1-89915 0-15 1-30069 1-30 0-11371 0-48 1-63957 1-30 0-21477 0-28 1-30827 0-17 1-30166 1-30 0-11371 0-48 1-64308 1-30 0-21477 0-27 38 29 0-70318 0-28 1-89937 0-17 1-30166 1-30 0-11371 0-48 1-64308 1-30 0-21477 0-27 31 30 0-79358 0-30 1-89915 0-15 1-30069 1-30 0-11370 0-48 1-64308 1-30 0-21477 0-27 31 30 0-79358 0-30 1-89955 0-17 1-30069 1-30 0-11370 0-48 1-64308 1-30 0-21477 0-27 31 30 0-79358 0-30 1-89955 0-17 1-30408 1-30 0-11507 0-38 1-40508 1-30 0-21477 0-28 1-30089 1-30 0-11477					0.17	1.28919	1.30	0.11032	-0.43 - 1.63157	1.02	0.21261	0.27 48
14 0.70001					0.17	1.28997	1.28	0.11058		1.02	0.21277	0.27 47
15		0.79051	0.30	1.89791	0.17	1.29074	1.30	0.11084	0.43 1.68279	1.03	0.21298	0.27 46
15 0.79087 0.30 1.89810 0.17 1.29229 1.30 0.11130 0.43 1.63402 1.30 0.21332 0.27 44 1.07 0.79152 0.59 1.89830 0.17 1.29385 1.30 0.11124 0.43 1.63555 1.03 0.21332 0.27 41 0.79140 0.30 1.89840 0.17 1.29385 1.30 0.11124 0.45 1.63535 1.03 0.21335 0.27 41 0.79176 0.28 1.89889 0.17 1.29381 1.30 0.11267 0.43 1.63648 1.03 0.21436 0.27 39 22 0.79133 0.30 1.89880 0.17 1.29385 1.30 0.11267 0.43 1.63648 1.03 0.21436 0.27 39 22 0.79133 0.30 1.89889 0.17 1.29096 1.32 0.11237 0.43 1.63648 1.03 0.21436 0.27 39 22 0.7923 0.30 1.89888 0.17 1.29983 1.30 0.11345 0.43 1.63845 1.03 0.21447 0.28 37 0.79229 0.30 1.89988 0.17 1.29983 1.30 0.11347 0.43 1.63845 1.03 0.21457 0.27 36 0.79244 0.30 0.89988 0.17 1.29983 1.30 0.11347 0.43 1.63857 1.03 0.21457 0.27 34 0.79230 0.30 1.89988 0.17 1.30087 1.32 0.11327 0.43 1.61049 1.03 0.21457 0.27 34 0.79383 0.30 1.89987 0.17 1.30087 1.32 0.11327 0.43 1.61049 1.03 0.21539 0.27 34 0.79383 0.30 1.89987 0.17 1.3066 1.30 0.11352 0.43 1.64268 1.03 0.21539 0.27 34 0.79383 0.30 1.89986 0.17 1.3064 1.32 0.11452 0.43 1.64268 1.03 0.21539 0.27 34 0.79383 0.30 1.89986 0.17 1.3044 1.32 0.11528 0.43 1.64268 1.03 0.21539 0.27 34 0.79383 0.30 1.89986 0.17 1.3044 1.32 0.11528 0.43 1.64268 1.03 0.21539 0.27 34 0.79383 0.30 1.89986 0.17 1.3048 1.30 0.11552 0.43 1.64268 1.03 0.21539 0.27 3.3 0.79344 0.39 1.89985 0.17 1.3048 1.30 0.11552 0.43 1.64368 1.03 0.21538 0.22539 0.27 3.3 0.79344 0.39 1.89985 0.17 1.3048 1.30 0.11552 0.43 1.64368 1.03 0.21538 0.22539 0.27 3.3 0.79344 0.39 1.89985 0.17 1.30636 1.30 0.11552 0.43 1.64365		0.79069	0.30	1.89801	0.15	1.29152	1.28	0.11110	0.43 1.63341	1 02	0.21309	0.28 45
17 0-79105 0-98 1-89830 0-17 1-99386 1-30 0-11162 0-48 1-684-64 1-02 0-21135 0-28 42 0-79140 0-30 1-89840 0-15 1-99386 1-30 0-11214 0-45 1-685-25 1-03 0-21135 0-28 42 0-79140 0-28 1-89840 0-17 1-99384 1-30 0-11214 0-45 1-685-25 1-03 0-21408 0-27 41 0-79176 0-28 1-89850 0-17 1-99854 1-30 0-11267 0-48 1-68710 1-03 0-21408 0-27 39 22 0-70103 0-30 1-89850 0-17 1-99850 1-30 0-11293 0-48 1-6833 1-02 0-21408 0-27 39 24 0-79220 0-30 1-89888 0-17 1-99853 1-30 0-11345 0-48 1-6833 1-02 0-21410 0-28 38 3-79211 0-30 1-89888 0-17 1-99853 1-30 0-11345 0-48 1-6833 1-02 0-21410 0-28 39 3-9931 0-79084 0-30 1-89988 0-17 1-99853 1-30 0-11345 0-48 1-6833 1-02 0-21410 0-28 3-28 3-79211 0-30 1-89908 0-17 1-30008 1-30 0-11347 0-48 1-61049 1-03 0-21430 0-27 34 34 34 34 34 34 34 3									0.43 1.63402	1 03		
18									0.43;1.63464	1 02	0.21342	
10							1.30	0.11188	0.48 1 68525	1.03	0.21358	
20					0.15	1.29463	1:30	0.11214	-0.45 - 1.60587	1 02	0.21375	0.27 41
21					0.17	Lancer	1.98	0.11241	0.43 1.63648	1.03	0.21301	
22 0.70103 0.30 1.89809 0-17 1.29050 1.32 0-1123 0.43 1.63772 1.03 0.21143 0.43 1.63831 1.02 2.1416 0.28 3.7 24 0.70229 0.30 1.89888 0-17 1.29863 1.30 0-11345 0.43 1.63831 1.03 0.21447 0.28 3.7 25 0.70247 0.28 1.89888 0-17 1.29863 1.30 0-11345 0.43 1.63895 1.03 0.21470 0.22 3.4 27 0.70284 0.30 1.89018 0.15 1.30087 1.32 0.11430 0.45 1.64048 1.03 0.21478 0.28 1.80022 0.21739 0.22 0.21539 0.22 0.23 0.22 0.23 1.80037 0.71 1.80166 1.30 0.11476 0.43 1.64296 1.03 0.21539 0.22 0.21539 0.22 0.23 1.80036 0.41 1.300401 1.32 0.11476												
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25					,			0.11345	0.43 1.63895	1 03	0.21457	
26 0.79264 0.30 1.89008 0.17 1.30009 1.80 0.41897 0.43 1.64019 1.03 0.21500 0.27 34 29 0.79300 0.30 1.89018 0.17 1.30166 1.30 0.11423 0.43 1.64081 1.05 0.21502 0.28 32 29 0.79318 0.28 1.89937 0.17 1.30244 1.32 0.1176 0.43 1.64268 1.03 0.21539 0.27 31 30 0.79385 0.30 1.89947 0.15 1.80383 1.30 0.11650 0.43 1.64268 1.03 0.21579 0.27 27 32 31 0.79383 0.30 1.89966 0.17 1.30480 1.30 0.11654 0.43 1.64353 1.03 0.21578 0.27 29 32 34 0.79496 0.30 1.89985 0.17 1.30755 1.30 0.43 1.64455 1.05 0.21638 0.27 23				11.0			1.30	0.11371	0.48 1.63957	1.03	0.91478	1 1
27 0.79282 0.90 1.89018 0.46 1.30087 1.32 0.11423 0.45 1.64081 1.03 0.21508 0.27 33 28 0.79318 0.28 1.89927 0.17 1.30644 1.32 0.1476 0.43 1.64268 1.03 0.21539 0.27 31 30 0.79335 0.30 1.89966 0.47 1.30401 1.32 0.11528 0.43 1.64268 1.03 0.21539 0.22 0.27 31 31 0.79338 0.30 1.89966 0.17 1.30401 1.32 0.11528 0.43 1.64268 1.03 0.21539 0.27 28 33 0.79388 0.30 1.89965 0.17 1.30637 1.32 0.11580 0.43 1.64505 1.06 0.21638 0.27 23 36 0.79441 0.30 1.89965 0.17 1.30716 1.32 0.11630 0.43 1.64503 1.05 0.21638 0.27												
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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1] .			1			0.11693	0.49 1.84580	1.05	0.21638	0.07 08
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58 0.79829 0.28 1.90216 0.15 1.32544 1.33 0.12236 0.43 1.60036 1.67 0.22020 0.28 2 59 0.79846 0.80 1.90225 0.17 1.82024 1.83 0.12262 0.45 1.60100 1.07 0.22037 0.28 1 60 0.79864 T.90235 1.82704 0.12289 1.66164 0.22054 0	1											
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Cos. D. 1". Log Cos. D. 1". Cot. D. 1". Log Cot. D. 1". Cosec. D. 1". Log Cosec. D. 1".	-	Purple Store on pur-Westerlander	erselikalnigari gazi oldakolagi	transfer true or more as so	to addressive Objective	L 13 V SA'S WINDOW	Markette Proprieta esta	- 1=-	they state units	G11 16 40 20 11		THE PROPERTY AND THE
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	<u> </u>					7110	71101	10	X 111.	LIL	LOG	S	53°
	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1."	Sec.	D. 1".	Log Sec.	D. 1".	
0 1	0.79864 0.79881		1.90235 1.90244	0.17	$1.32704 \\ 1.32785$	1.35 1.33	$0.12289 \\ 0.12315$	0.43	1.66164	1.07 1.07	0.22054		60
2	0.79899	0.28	T-90254	0.15	1.32865	1.35	0.12341			1.08	$0.22070 \\ 0.22087$	0.28 0.28	59 58
$\begin{bmatrix} 3 \\ 4 \end{bmatrix}$	0.79916	$0.30 \\ 0.28$	1.90263 1.90273	0.17	1.32946	1.33	0.12367	0.45	1.66357	1.07	0.22104		57
	0.79951		1.90273	0.15	1.33026	1.35	0.12394		1.66421	1.08	0.22121	0.28	56
5 6	0.79968		1.90282 1.90292	0.17 0.15	1.33107 1.33187	$\frac{1.33}{1.35}$	$0.12420 \\ 0.12446$		1.66486 1.66550	1.07	0.22138	0.27	55
7	0.79986	0.28	1.00301	0.17	1.33268	1.35	0.12473		1.66615	$1.08 \\ 1.07$	$0.22154 \\ 0.22171$	0.28 0.28	54 53
8	0.80003	0.30	1.90311		1.33349	1.35	0.12499	0.43	1.66679	1.08	0.22188	0.28	52
9	0.80021	0.28	1.90320		1.33430	1.35	0.12525	0.45		1.08	0.22205	0.28	51
10 11	88008+0 0-80056	0.28	1.90330	0·15 0·17	$1.33511 \\ 1.33592$	$1.35 \\ 1.35$	0.12552 0.12578	0·43 0·43	1.66809 1.66873	1.07	0.22222	0.28	50
12	0.80073	0.30	1.90349	0.15	1.33673	1.35	0.12604			$1.08 \\ 1.08$	$0.22239 \\ 0.22256$	$0.28 \\ 0.27$	49 48
13	0.80091	0.28	1.90358	0.17	1.33754	1.35	0.12631		1.67003	1.08	0.22272	0.28	47
14	0.80108	0.28	1.90368	0.15	1.33835	1.35	0.12657	0.43	1.67068	1.08	0.22289	0.28	46
15 16	0.80125	$0.30 \\ 0.28$	1.90377 1.90386	0.15	1.33916 1.33998	1.37	0.12683	0.45	1.67133	1.08		0.28	45
17	0.80160		1.90396		1.34079	$1.35 \\ 1.35$	$0.12710 \\ 0.12736$	0.43	1.67198 1.67264	$1.10 \\ 1.08$		$0.28 \\ 0.28$	44
18	0.80178		1.90405	0.17	1.34160	1.37	0.12762	0.45	1.67329	1.08	0.22357	0.28	42
19	0.80195		1.90415	0.15		1.35	0.12789	0.43	1.67394	1.10	0.22374	0.28	41
20	0.80212 0.80230	0.30 0.28	1.90424 1.90434	0.17	1.34323	1.37	0.12815	0.45		1.08		0.28	40
21 22	0.80230		1.90434			$\frac{1.37}{1.35}$	$0.12842 \\ 0.12868$	$0.43 \\ 0.43$		$1.10 \\ 1.08$	$0.22408 \\ 0.22425$	$\begin{array}{c} 0.28 \\ 0.28 \end{array}$	39 38
23	0.80264	0.30	1.90452	0.17	1.34568	1.37	0.12894	0.45		1.10	0.22442	0.28	37
24	0.80282	0.28	1.90462	0.15	1.34650	1.37	0.12921	0.43	1.67722	1.10	0.22459	0.28	36
25	0.80200		1.90471	0.15	1.34732	1.37	0.12947	0.43			0.22476	0.28	35
26 27	0.80316		$1.90480 \\ 1.90490$	0·17 0·15	1.34814	$\begin{array}{c} 1.37 \\ 1.37 \end{array}$	0.12973 0.13000	0.45		$1.10 \\ 1.10$	$0.22493 \\ 0.22510$	$0.28 \\ 0.28$	34
28	0.80351	0.28	1.90499	0.17	1.34978	1.37	0.13000	0.45	1.67985	1.10	0.22510 0.22527	0.28	32
29	0.80368	0.30	1.90509	0.15	1.35060	1.37	0.13053	0.43	1.68051	1.10	0.22544	0.28	31
30	0.80386		1.90518		1.35142	1.37	0.13079	0.45		1.10	0.22561	0.28	30
31	0.80403		1.90527 1.90537	0.17	$ 1.35224 \\ 1.35307$	$\frac{1.38}{1.37}$	$0.13106 \\ 0.13132$	0.43	1.68183 1.68250	1.10	0.22578	0.28 0.30	29 28
	0.80438		1.90546	0.15	1.35389	1.38	0.13158	0.45	1.68316	$1.10 \\ 1.10$	$0.22595 \\ 0.22613$	0.28	27
	0.80455		1.90555	0.17	1.35472	1.37	0.13185	0.43	1.68382	1.12	0.22630	0.28	26
35	0.80472		1.90565	0.15	1.35554		0.13211	0.45	1.68449	1.10	0.22647	0.28	25
	10-80489 10-8050 7		- 1·90574 - 1·90583	0.15	1.35637 1.35719	$\frac{1.37}{1.38}$	$0.13238 \\ 0.13264$	0.43	1.68515 1.68582	$1.12 \\ 1.10$	$0.22664 \\ 0.22681$		$\begin{bmatrix} 24 \\ 23 \end{bmatrix}$
37	, 0-80524		1.90502	0.17	1.35802	1.38	0.13204	0.43	1.68648	1.12	0.22698	0.28	22
	0.80541	0.28	1.90602	0.15	1.35885	1.38	0.13317	0.45	1.68715	1.12	0.22715	0· 2 8	21
40			1.90611	0.15	1.35968		0.13344		1.68782	1.10	0.22732		
41	0.80576		1.90620		1	1.38	0.13370	0.45		$\substack{1\cdot12\\1\cdot12}$	$0.22750 \\ 0.22767$	$0.28 \\ 0.28$	19 18
42	1		- 1.90630 - 1.90639				$0.13397 \\ 0.13423$	0.43	1.68915 1.68982	1.12	0.22784		17
44	0.80627		1.90648				0.13449	0.45	1.69049	1.12	0.22801	0.30	16
45	0.80644	0.30	1.90657		1.36383				1.69116	1.12	0.22819	0.28	
46	0.80662		1.90667		1.36466		0.13502				$0.22836 \\ 0.22853$	$0.28 \\ 0.28$	
47	0.80679				1.36549		0·13529 0·13555				0.22870		
49	0.80713		1.90694	0.17	1.36716	1.40	0.13582	0.43	1.69385	1.12	0.22888	0.28	11
50	0.80730	0.30	1.90704						1.69452		0.22905	0.28	10
51	0.80748		1.90713				0.13635				$0.22922 \\ 0.22939$	0·28 0·30	9 8
52 53			1.90722 1.90731	0.15								0.30	
54	1		1.90741	0.15			0.13715		1.69723			0.28	
55	1		1.90750	0.15	1.37218		0.13741		1.69790			0.30	5
56	0.80833	0.28	1.90759	0.15	1.37302	1.40	0.13768					$0.28 \\ 0.28$	
57	0.80850		1.90768									0.30	
59					1.37554								1 -
60			1.90796		1.37638		1.13874		1.70130		0.23078		0
1 (0) (10)	Coa.	d-pathers on a water	. Log Cos.	D. 1".	Cot.	D. 1"	. Log Cot.	D. 1"	. Cosec.	D. 1"	. Log Cosec	D. 1"	
			by		1								

5 4°	IRI	GUI	10M				71101					
.,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. I".	Log Tan.		Sec.	D. 1".		D. T".
	0.80902	0.28	T-90796	0.15	1.37638	1.40	0.13874	0.43	1.70130	1.13	0.23078	0.30 60
0 1	0.80902	0.28	Î-90805	0.15	1.37722	1.42	0.13900	0.45	1.70198	1.15	0.23096	0.28 59
2	0.80936	0.28	Î-90814	0.15	1.37807	1.40	0.13927	0.45	1.70267	1.13	0.23113	0.28 58
3	0.80953	0.28	T-90823	0.15	1.37891	1.42	0.13954		1.70335 1.70403	1.15	-0.23130 -0.23148	0.30 57
4	0.80970	0.28	T-90832	0.17	1.37976	1.40	0.13980					0.28 56
5	0.80987	0.28	T-90842	0.15	1.88000	1.42	0.14007	1	1.70472	1.13	0.23165	0.30 55
6	0.81004	0.28	T.90851	0.15	1.38145	1.40	0.14033	0.45	1.70540	1.15	0.23183	0.28 54
7	0.81021	0.28	T-90860	0.15	1.38229	1.42	0.14060		1.70609	1.13	0.23200	0.30 53
8	0.81038	0.28	T-90869	0.15	1.38814	1.42	0.14087		1.70677	1-15	-0.23218 -0.23235	0.28 52
9	0.81055	0.28	I-90878	0.15	1.38300	1.42	0.14113		1.70746			0.30 51
10	0.81072	0.28	1.90887	0.15	1.38484	1.40	0.14140		1.70815	1.15	0.23253	0.28 50
ii	0.81089	0.28	T.00896	0.17	1.38568	1.42	0.14166	0.45		1.15	0.23270	0.30 49
12	0.81106	0.28	T-90906	0.15	1.88653	1.42	0.14193		1 70953	1-15 1-15	0.23288	0.28 48
13	0.81123	0.28	T-90915	0.15	1.88738	1.43	0.14220	0.43	1.71022	1:15	-0-23305 -0-23323	0.30 47
14	0.81140	0.28	1.90924	0.15	1.38824	1.42	0.14246	0.45				0.28 46
15	0.81157	0.28	T-90933	0.15	1.38909	1.42	0.14278	0.45	1.71160	1.15	0 23340	0.30 45
16	0.81174		T-90042	0.15	1.38994	1.42	0.14300		1.71229	1.15	0 23358	0 28 44
17	0.81191	0.28	I-90951	0.15	1.39079	1.43	0.14326		1-71298	1-17	-0.23375	0.30 48
18	0.81208	0.28	1.90960	0.15	1.39165	1.42	0.14353	0.45	171437	1 15	$-0.28398 \\ -0.23410$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
19	0.81225	0.28	1.90969	0.15	1.39250	1.48			1			
20	0.81242	0.28	1.90978	0.15	1.89336	1.42	0 14406	0.15	171506	1 17	- 0-23428 - 0-23438	0.30 40
21	0.81259	0.28	I-90987	0.15	1.39421	1.43	0.14433	0.0	171576 171616	1.15	- 0 23446 - 0 23463	0.28 39
22	0.81276		T-90000		1.99507	1.43	0.14486		1-71715	1 17	0 23403	0.30 38
23	0.81293		T-91005	0.15	1.89598 1.89679	1 43	0.14518		1-71785	117	0 23499	0 28 36
24	0.81310	0.28	T.91014		1				i			1
25	0.81327	0.28	T-91023	0.17	1.39764	1.43	0.14540		171855	1 17	- 0 23516 - 0 23534	0.30 38
26	0.81344		I-91033	0.15	1.39850	1.43	0-14566 0-14593		1.71925 1.71995	117	0 23552	0.30 84
27	0.81361	0.28	I-91042	0.15	1-39936 1-40022	1-43	0.14620		172065	1 17	0.23569	0.30 32
28	0.81378		1.91051	0.15	1.40109	1.43	0 14646	0.45	1 72135	1 17	0 23587	0.30 31
29	0.81395		1.91060		1			0.15		1 17	0 23608	0-28 30
30	0.81412		T-91069		1.40195	1.43	0-14678 0 14700	0.45		IIN	0 23622	
31	0.81428		I-91078	0.15	1.40367	1.45	0 14727		1 72340	1 17	0 23640	
32 33	0.81445 0.81462		T·91087 T·91096	0.15	1.40454	1.43	0-14753	0.45		1 18	0 23658	0 30 27
34	0.81402		T-91105	- 44	1.40540	1.45	0-14780	0.45	1 72187	1 17	0 23676	0 28 26
					1.40027	1.45	0-14807		1 72557	1 1 1 H	0 23693	
35	0.81496		T·91114 T·91128		1.40714	1.43	0 14831		1-72428	117	0 23711	0 30 21
36 37	0.81513 0.81530		I-91132		1.40800	1.45	0-14860		1 7269N	1 18	0 23729	0.36 23
38	0.81546		1.91141	0.13	1-40887	1.45	0 14887	0.45	1 72769	1.18	0 23747	0 28 22
39	0.81563		T.91149	0.15	1.40974	1.45	0-14914	0.45	1.72840	1 11	0 23764	0 30 21
40	0.81580		T-91158	0.15	1-41061	1.45	0-14941		172011	1 18	0.23782	0.30,20
41	0.81597	-	T-91167	0.15	1.41148	1.45	0-14967		1 72982	114	0 23800	0.30 19
42	0.81614		1.91170		1-41235	1-45	0-14994		1 73053	1.18	D BBRIN	
43	0.81631		1.91185		1.41822	1.45	0-15021		1 73124	1.14	០ ប្លូននេះប	0/30/17
44	0.81647	0.28	1.91194	0.15	1-41409	1.47	0.15048	0.45	1 73105	1 20	0 23854	0.28 10
45	0.81664	0.28	T-91203	0.15	1.41407	1.45	0.15075	0.43	1 73267	1 114	0 23871	0.30 15
46	0.81681		1.91212		1-41584	1 47	0-15101	0.45	1 Tanna	1.14	O CARRO	0.30 14
47	0.81698	0.27	1.91221	0.15	1.41072	1 45	0.15128	0 45	1 73 109	1.20	a gapar	0 30 13
48			1.91230		1.41759	1 47	0 15155		173481	1 1 1 1	0 23935	
49	0.81731	0.28	T.01289	0.15	1.41847	1 45	0 15182		1 73552	1 20	0 239 13	0 30 11
50	0.81748	0.28	T-91248	0.15	1-41934	1.47	0 15209		1 73624	1 20	o gapai	0 30 10
51	0.81765		T-91257	0.15	1.42022	1.47	0.15230		1 73696	1 20	H 733974	0 30 8
52			1.91266		1.43110	1.47	0.15262		1 73788	1 20	0 23227	0.10 8
53	0.81798	0.28	1.91274	0.15	1.42198	1.47	0.15249	0.45	173840	118	0.24015	0.30 7
54		0.28	1.01283	0.15	1-42286	1-47	0.15316		1 7 8 9 1 1	1 20	0 24033	0 30 6
55	0.81832	0.27	I-91292	0.15	1.42374	1 47	0.15343		1 73083	1 22	0 24051	មន្តម ន
56		0.28	T-91301	0.15	1.42402	1.47	0 15370		174056	1 20	0.24009	030 4
57 58	0.81865 0.81882	0.28	I-91310 I-91319	0.15	1.42550	1.47	0 15397		174128	1 20	0 24087	0.30 3
59	0.81899	$0.28 \\ 0.27$	I-91319	0.15	1.42638	1.47	0 15424		1.74200	1 20	0 64105	030 2
		0.24		0.79	1-42726	1-48	0 15450		174272	1 44	0 24123	
60	0.81915		T-01330	Marie on Marie	1 42816	PROGRAMME IN	0.10477		1 74845		0.24141	
- 4	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Long C'ut.	D. P.	Curro.	11.17.	Last Came	
050			2									

C1: 7	T 1//	~ CU	17.71	rn .	~ 4 //	- 20		~ ,	,	_ ~ .	7.1	
	~									<u>~</u>		
		****										60 59
1.81949	0.27	T-91354	0.15	1.42992	1.47	0.15531	0.45	1.74490	1.20	0.24177	0.30	58
		****										57 56
	0.27	T-91381	- 1				١.				- 1	55
0.82015	0.28	T-91389	0.15	1.43347	1.48	0.15639	0.45	1.74781	1.22	0.24249	0.30	54
												53 52
												51
												50
												49
0.82132	0.27	I.91451	0.15	1.43970	1.50	0.15827	0.45	1.75293	1.22	0.24376	0.32	47
			- 1				1				- 1	46
	0.28	1.91477	0.15									44
0.82198	0.27	<u>T</u> .91486	0.15	1.44329	1.48	0.15935	0.45	1.75587	1.23	0.24449	0.30	43
												42 41
0.82248	0.27	I-91512	0.15	1.44508	1.50	0.16016	0.45	1.75808	1.23	0.24504	0.30	40
0.82264	0.28											39 38
	$0.27 \\ 0.28$		$0.13 \\ 0.15$	1.44778							- 1	37
0.82314	0.27	1.91.547	0.15				1					36
												35 34
												33
0.82380	0.27					0.16232	0.47	1.76402		-		32 31
							t				0.32	30
0.82429	0.28	T-91608	0.15	1.45592	1.50	0.16314	0.45	1.76626	1.25	0.24706	0.30	29
		6.3										28 27
												26
	0.27	Y 44									0.32	1
0.82511	0.28											
		1.91669	0.13	1.46229	1.52	0.16503	0.45	1.77152	1.25	0.24835	0.30	22
0.82561	0.27	1.91077	0.15	1	1.52	0.16530	0.47					1 1
0.82577	0.27								$\substack{1\cdot25\\1\cdot27}$			$\begin{vmatrix} 20 \\ 19 \end{vmatrix}$
	0.27	1.01703	0.15	1.46595	1.52	0.16612	0.45	1.77454	1.27	0.24909	0.30	18
0.82626	0.28			1.46686	1.53							17 16
				1					1.27			
0.82675	0.28	1.91738	0.13	1.46962	1.52	0.16720	0.47	1.77757	1.27			14
0.82692	0.07	1.01755	0.13	11.47146	1.53	0.16775	0.45	11.77910	1.27	0.25020	0.32	12
0.82724	0.27	1.91768	0.15	1.47238	1.53	0.16802	0.45	1.77986	1.27	0.25039	0.30	11
0.82741	0.27	1.91772	0.15	1.47330	1.53	0.16829	0.45	1.78062	$1 \cdot 27$	0.25057	0.82	10
0.82757	0.27				1.53							
0.82773	0.28	A2		·	1.53	0.16911	0.45	1.78291	1.28	0.25113	0.32	7
0.82806	0.27	T-91806		1				1				1
0.82822	0.28							1.78445	$1.27 \\ 1.28$	0.25169	0.32	4
0.82855	0.27	1.91882	0.13	1.47977	1.55	0.17020	0.45	1.78598	1.28	0.25188	0.30	
0.82871	0.27										0.32	
1	0.20					0.17101		1.78829		0.25244		0
-1075500-17 - Apr 1 PG	11 1"	right by Japan	gaptia	1 Degree 10 M - 211 95-812	-	-		A STATE OF THE PARTY NAMED IN	D. 1".	. Log Cosec	. D.1"	
Cos.	1/	. LIVE STORM	100					11 -	racted			34
	0.81915 0.81916 0.81932 0.81940 0.81965 0.81982 0.81999 0.82932 0.82948 0.82982 0.82982 0.82181 0.82181 0.82181 0.82181 0.82281 0.82381 0.82581 0.82581 0.82581 0.82581 0.82581 0.82581 0.82581 0.82581 0.82680 0.82680 0.82788 0.82788 0.82788 0.82788 0.82887 0.82887	0.81915 0.28 0.81932 0.28 0.81932 0.28 0.81940 0.27 0.81965 0.28 0.81982 0.28 0.81982 0.28 0.81990 0.27 0.82015 0.28 0.82032 0.27 0.82048 0.28 0.82065 0.28 0.82082 0.27 0.82048 0.28 0.82181 0.28 0.82115 0.28 0.82115 0.29 0.82148 0.28 0.82181 0.28 0.82181 0.27 0.82181 0.28 0.82181 0.28 0.82181 0.28 0.82181 0.28 0.82214 0.28 0.82214 0.28 0.82214 0.28 0.82214 0.28 0.82214 0.28 0.8231 0.28 0.82214 0.27 0.82230 0.28 0.82314 0.27 0.82360 0.28 0.82314 0.27 0.82360 0.28 0.82314 0.27 0.82360 0.28 0.82314 0.27 0.82360 0.28 0.82314 0.27 0.82360 0.28 0.82413 0.27 0.82360 0.28 0.82410 0.27 0.82544 0.29 0.82544 0.29 0.82544 0.29 0.82544 0.29 0.82564 0.27 0.82564 0.27 0.82564 0.27 0.82564 0.27 0.82564 0.27 0.82660 0.27 0.82660 0.27 0.82660 0.27 0.82660 0.27 0.82770 0.27 0.82773 0.28 0.82790 0.27 0.82770 0.27 0.82770 0.27 0.82770 0.27 0.82770 0.27 0.82770 0.27 0.82771 0.27 0.82773 0.28 0.82660 0.27 0.82770 0.27 0.82773 0.28 0.82790 0.27 0.82887 0.28 0.82890 0.27 0.82887 0.27 0.82887 0.27 0.82887 0.27 0.82887 0.28 0.82890 0.27 0.82887 0.27 0.82887 0.28 0.82887 0.28 0.82890 0.27 0.82887 0.28	0.81915 0.28	0.81915 0.28	0.81915	0.81915 0.28 T.91336 0.15 1.42815 1.47 0.81932 0.28 T.91345 0.15 1.42903 1.48 0.81940 0.27 T.91364 0.15 1.42903 1.48 0.81965 0.28 T.91363 0.15 1.43080 1.48 0.81982 0.28 T.91363 0.15 1.43080 1.48 0.81982 0.28 T.91389 0.15 1.43169 1.48 0.82905 0.28 T.91389 0.15 1.43436 1.48 0.82065 0.28 T.91389 0.15 1.43436 1.48 0.82065 0.28 T.91490 0.15 1.43525 1.48 0.82065 0.28 T.91416 0.15 1.43614 1.48 0.82065 0.28 T.91440 0.15 1.43614 1.48 0.82082 0.27 T.91455 0.13 1.43702 1.48 0.82132 0.27 T.91451 0.15 1.43614 1.48 0.82138 0.28 T.91440 0.15 1.43614 1.48 0.82138 0.28 T.91460 0.15 1.43601 1.48 0.82148 0.28 T.91460 0.15 1.4400 1.48 0.82214 0.28 T.91460 0.15 1.44230 1.50 0.82214 0.28 T.91504 0.13 1.44149 1.50 0.82214 0.28 T.91504 0.13 1.44508 1.50 0.82248 0.27 T.91512 0.15 1.44508 1.50 0.82248 0.27 T.91504 0.13 1.44768 1.50 0.82241 0.28 T.91530 0.13 1.44508 1.50 0.82321 0.28 T.91530 0.13 1.44508 1.50 0.82321 0.28 T.91530 0.13 1.44508 1.50 0.82324 0.27 T.91565 0.15 1.44508 1.50 0.82330 0.28 T.91505 0.15 1.44508 1.50 0.82347 0.27 T.91565 0.15 1.45501 1.50 0.82340 0.28 T.91600 0.15 1.45501 1.50 0.82460 0.27 T.91590 0.15 1.45501 1.50 0.82460 0.27 T.91695 0.15 1.45604 1.50 0.82460 0.27 T.91695 0.15 1.45604 1.50 0.82461 0.27 T.91695 0.15 1.45604 1.50 0.82462 0.28 T.91600 0.15 1.45604 1.50 0.82463 0.27 T.91695 0.15 1.45604 1.50 0.82463 0.27 T.91695 0.15 1.45604 1.50 0.82463 0.27 T.91695 0.15 1.45604 1.50 0.82463 0.27 T.91695 0.15 1.45604 1.50 0.82463 0.27 T.91696 0.15 1.46606 1.50 0.82657 0.27 T.91606 0.15	0.81915 0.28 T.01336 0.15 1.42815 1.47 0.15477 0.81932 0.28 T.01345 0.15 1.42903 1.48 0.15504 0.819104 0.27 T.01363 0.15 1.42903 1.48 0.15505 0.81982 0.28 T.01372 0.15 1.43909 1.48 0.15558 0.81990 0.27 T.01381 0.13 1.43825 1.48 0.15558 0.82032 0.27 T.91380 0.15 1.43436 1.48 0.15639 0.82032 0.27 T.91398 0.15 1.43436 1.48 0.15639 0.82032 0.27 T.91398 0.15 1.43436 1.48 0.15666 0.82032 0.28 T.01407 0.15 1.43525 1.48 0.15666 0.82032 0.27 T.01425 0.13 1.43703 1.48 0.15772 0.82032 0.27 T.01425 0.13 1.43703 1.48 0.15772 0.82132 0.27 T.01451 0.15 1.43970 1.50 0.15827 0.82148 0.28 T.01400 0.15 1.43970 1.50 0.15827 0.82148 0.28 T.01400 0.15 1.44060 1.48 0.15854 0.82148 0.28 T.01400 0.15 1.44139 1.50 0.15808 0.82148 0.28 T.01400 0.15 1.44139 1.50 0.15808 0.82148 0.28 T.01460 0.15 1.44139 1.50 0.15808 0.82148 0.28 T.01495 0.15 1.44508 1.50 0.15908 0.82248 0.27 T.01512 0.15 1.44508 1.50 0.16066 0.82248 0.27 T.01512 0.15 1.44508 1.50 0.16066 0.82248 0.27 T.01530 0.13 1.44508 1.50 0.16066 0.82347 0.27 T.01580 0.15 1.44508 1.50 0.16016 0.82347 0.27 T.01580 0.15 1.44508 1.50 0.16016 0.82347 0.27 T.01580 0.15 1.44508 1.50 0.16016 0.82347 0.27 T.01590 0.15 1.44508 1.50 0.16016 0.82347 0.27 T.01590 0.15 1.45501 1.52 0.16026 0.82347 0.27 T.01590 0.15 1.45501 1.52 0.16026 0.82347 0.27 T.01590 0.15 1.45502 1.50 0.16016 0.82420 0.28 T.01590 0.15 1.45502 1.50 0.16016 0.82438 0.27 T.01608 0.15 1.45502 1.50 0.16016 0.82430 0.28 T.01600 0.15 1.45502 1.50 0.16016 0.82460 0.27 T.01608 0.15 1.46502 1.50 0.16016 0.82661 0.27 T.01608	1.81915 0.28 T.91336 0.15 1.42815 1.47 0.15477 0.45 0.81932 0.28 T.91384 0.15 1.42992 1.47 0.15531 0.45 0.81930 0.28 T.91383 0.15 1.42992 1.47 0.15531 0.45 0.81930 0.28 T.91382 0.15 1.48080 1.48 0.15535 0.45 0.81930 0.27 T.91381 0.13 1.48169 1.48 0.15535 0.45 0.82901 0.28 T.91382 0.15 1.48363 1.48 0.15535 0.45 0.82902 0.27 T.91388 0.15 1.48343 1.48 0.15639 0.45 0.82060 0.28 T.91470 0.15 1.48361 1.48 0.15639 0.45 0.82060 0.28 T.91470 0.15 1.43525 1.48 0.15639 0.45 0.82080 0.27 T.91383 0.15 1.43843 1.48 0.15639 0.45 0.82080 0.27 T.91438 0.15 1.43525 1.48 0.15639 0.45 0.82080 0.27 T.91438 0.15 1.43792 1.48 0.15730 0.45 0.82130 0.27 T.91451 0.15 1.43792 1.48 0.15730 0.45 0.82131 0.28 T.91440 0.15 1.43881 1.48 0.15730 0.45 0.82131 0.28 T.91440 0.15 1.43970 1.50 0.15827 0.45 0.82131 0.28 T.91460 0.15 1.44060 1.48 0.15535 0.45 0.82131 0.28 T.91460 0.15 1.44103 1.50 0.15902 0.45 0.82231 0.28 T.91460 0.15 1.44103 1.50 0.15902 0.45 0.82231 0.28 T.91460 0.15 1.44103 1.50 0.15902 0.45 0.82231 0.28 T.91500 0.15 1.44508 1.50 0.15902 0.45 0.82231 0.28 T.91500 0.15 1.44508 1.50 0.15902 0.45 0.82231 0.28 T.91500 0.15 1.44508 1.50 0.16043 0.45 0.82330 0.28 T.91500 0.15 1.44508 1.50 0.16043 0.45 0.82330 0.28 T.91500 0.15 1.44582 1.50 0.16043 0.45 0.82330 0.28 T.91500 0.15 1.45501 1.50 0.16043 0.45 0.82340 0.28 T.91500 0.15 1.45601 1.50 0.16043 0.45 0.82340 0.28 T.91500 0.15 1.45602 1.50 0.16043 0.45 0.82340 0.28 T.91500 0.15 1.45602 1.50 0.16043 0.45 0.82340 0.28 T.91640 0.15 1.45602 1.50 0.16043 0.45 0.82360 0.28	1.081915	1.481015 0.28	1.8 1.5 1.6 1.6 1.4 1.5 1.4 1.4 1.5 1.4 1.5 1.4 1.4 1.5 1.4 1.5 1.4 1.4 1.5 1.4 1.4 1.5 1.4 1.4 1.5 1.4 1.4 1.5 1.4 1.4 1.5 1.4 1.4 1.4 1.5 1.4 1.4 1.4 1.4 1.5 1.4	1.81915 0.28

20	1 1/1	uo i	ACTATI	- L L								
1	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. I".	Log Tan.		ice.	D. I".	Log Sec.	D. 1".
0	0.82904	0.27	T-91857	0.15	1.48256	1.55	0.17101	0.47 1.7		1.28	0.25244	0.32 60
1	0.82920	0.27	1.91866	0.13	1.48349	1.65	0.17129	0.45 1.7	'8906 '8093	1·30 1·28	0.25263 0.25281	0.30 59
2	0.82936	0.28	1.91874	0.15	1.48442	$\frac{1.57}{1.55}$	$0.17156 \\ 0.17183$		9061	1.28	0.25200	0.32 58 0.32 57
3	0.82953	0.27	1.91883	0.13	1.48536 1.48629	1.55	0.17210		9138	1.30	0.25319	$0.32 57 \\ 0.32 56$
4	0.82969	0.27	1.91891	-	1.48722	1.57	0.17238		9216	1.28	0.25338	1 "
5	0.82985	0.27	1.91900 1.91908	0.13	1-48816	1.55	0.17265		0203	1.30	0.25356	$0.30 55 \\ 0.32 54$
6	0.83001 0.83017	0·27 0·28	1.91917	0.13	1.48909	1.57	0.17292		9371	1.30	0.25375	0.32 58
8	0.83034	0.27	1.91925	0.15	1.49003	1.57	0.17319	0.47 1.7	9449	1/30	0.25394	0.32 52
9	0.83050	0.27	1.91934	0.13	1.49097	1.55	0.17347	0.45 1.7	9527	1.28	0.25413	0.32 51
2.0	0.83066	0.27	1.91942	0.15	1.49190	1.57	0.17374		9604	[-3.0]	0.25432	0.32 50
11	0.83082	0.27	1.91951	0.13	1-49284	1.57	0.17401		9682	1.32	0.25451	0.30 49
12	0.83098		1.91959	0.15	1-19378	1.57	0.17429		9761	130	0.25469	0.32 48
13	0.83115	0.27	1.91968	0.13	1.49472	1.57	0-17456		'9839 '9917	1:30 1:30	0.25488 0.25507	0.32 47
14	0.83131	0.27	1.91976	0-15	1.49566	1.58	0.17483					0.32 46
15	0.83147	0.27	1.91985	0.13	1.49661	1.57	0.17511		'9995 (0074	$\frac{1.32}{1.30}$	0-25526 0-25545	$0.32 45 \\ 0.32 44$
16	0.83163	0.27	1.91993	0.15	1.49755	$\frac{1.57}{1.58}$	0.17538		0152	1.32	0 25564	0.32 43 0.32 43
17 18	0.83179 0.83195	0·27 0·28	1.92002 1.92010	0.13	1.49944	1.57	0.17593	. 1	10231	1.30	0.25583	0.32 42
19	0.83212	0.27	1.92018	0.15	1.50038	1.58	0.17620		10309	1 32	0.25602	0.32 41
20	0.83228	0.27	1.92027	0.13	1.50133	1.58	0.17648	0.45 18	макк	1.32	0.25621	0.32 40
21	0.83244	0.27	1.92035	0.15	1.50228	1.57	0 17675	0.45 13	0467	1.32	0 25640	0.32 39
22	0.83260	0.27	1.92044	0.13	1.50322	1.68	0.17702		0546	1.32	0 25659	0.32 38
23	0.83270	0.27	1.92052	0.13	1.50417	1.58	0.17730		00625	1.32	0.25678	0.32 37
24	0.83292	0.27	1.92060	0.15	1.50512	1.58	0.17757		10704	1-32	0 25697	0.32 36
25	0.83308	0.27	1.92069	0.13	1.50007	1.58	0.17785		0783	1.32	0.25716	0.32 35
26	0.83324	0.27	1.92077	0.15	1.50702	1.58	0.17812		(0862 (0942	1.33	0 25736 0-25754	0.32 34
27	0.83340	0.27 0.28	1.92086 1.92094	0.13	1.50797	1.60 1.58	0.17867		(1021	1 33	0 25773	0.82+32
.28 29	0.83373	0.27	1.92102	0.15	1.60988	1.60	0-17894		11101	1.32	0 25792	0.32 31
30	0.83389		1.92111	0.13	1.51084	1-58	0 17922	0-45 1 8	1180	1 33	0.25811	0.32 30
31	0.83405	0.27	1.02119	0.13	1.51179	1.60	0.17949	0 47 1 1		1 33	0.25830	0 32 29
32	0.83421	0.27	1.92127	0.15	1.51275	1.58	0-17977	0.45,13		1 32	0 25849	0.32 28
83	0.83437	0.27	1.92130	0.13	1.51370	1.60	0.18004	0.47 13		1 33	0.25868	0.32.27
34	0.83453	0.27	1.92144	0.13	1.51466	1.60	0.18032	0.45 13		1 83	0.25887	0.33 26
35	0.83469	0.27	1.92152	0.15	1.51562	1-60	0.18050	0.47 13		1 33	0.25907	0 32 25
36	0.83485	0.27	1.92161	0.13	1.51658	1.60 1.60	0.18087	$-0.45 \cdot 13 \\ -0.47 \cdot 13$		1 35	0 25926 0 25945	0.32.24
37 38	0.83501 0.83517	0·27 0·27	$\frac{1.02109}{1.92177}$	0.15	1.51850	1.60	0.18142	0 45 1 8		i 33	0 25964	0.32 22
80	0.83533	0.27	1.02186	0.13	1.51946	1 62	0 18169	0.47 1 1 2		1 35	0 25983	0.33 21
40	0.83549	0.27	1.02194	0.13	1.52043	1.60	0-18197	0.45 1.8	cipsi	1 33	0 26003	0 32 20
41	0.83565	0.27	1.92202	0.15	1.52139	1.60	0.18224	0 47 13		1 35	0 26022	0.32 19
42	0.83581	0.27	1.02211	0.13	1.62235	1.62	0.18252	0.45(1)		1 33	0 20041	0.32 18
48	0.88597	0.27	1.02210	0.13	1.52332	1.62	0.18279	0.47 1.3		135	0.26060	0.32 17
44	0.83613	0.27	1.02227	0.13	1.52429	1.60	0 18307	0.45 13		1 35	0 26079	0 33 16
45	0.83629	0.27	1.92235	0.15	1.52525	1.02	0 18334	0-17 11		1 35	0.26099	0.32 15
46	0.83060	0.25 0.27	1.92244 1.92252	0·13 0·13	1.62622 1.62719	1-62 1-62	0-1836 <u>2</u> 0-18389	$-0.45 \cdot 13 \\ -0.47 \cdot 13$		1 35 1 35	026118	032 14
48	0.83676	0.27	1.92260		1.52816	1.62	0.18417	0.45 1.4		1 37	0 26157	0 32 12
49	0.83692	0.27	1.92269	0.13	1.52913	1.62	0.18444		Q709	1 35	0 26176	0.32 11
50	0.83708	0.27	1.92277	0.13	1.63010	1.62	0-18472	0 47 1 1		1 35	0.26195	0 33 10
51	0.83724	0.27	1.92285	0.13	1.53107	1.63	0.18500	0.45 11		1 37	0.20215	0.32 9
52	0.83740	0.27	1.92293	0.15		1 62	0.18527	0.47 (13		1 35	0 26234	0.32 8
58	0.88750	0.27	1.92302 1.92310	0.13	1.53302	1.63	0.18555	0.45 12		137	0.26253	033 7
54	0.83772	0.27		0.13	1.53400	1.62	0.18582	0.47 (13		1 37	0 26278	
56	0.83788 0.83804	0·27 0·25	T-92318 1-92326	0.13	1.53497	1.63 1.63	0.18610 0.18688	0.47 .14		1 37	0.26292	0-32 b 0-38 4
57	0.83819	0.27	1.92320	0.13	1.63693	1.63	0.18089	$-0.45 \cdot 14 \\ -0.47 \cdot 14$		1 37	0.26331	0.32 3
58	0.88885	0.27	1.92343	0.18	1.53791	1.62	0.18693	0.47 .11		1 37	0 20380	0 33 2
59	0.83851	0.27	1.92351	0.13	1.58888	1.03	0.18721	0.45 [14		1 37	0 26370	0.32 1
60	0 83867		1.92359		1.53086		0·18748	1	ROOE		0 26389	0
~ (vertage	Cos.	D. 1"	Log Cos.	1), 1"		D. 1"	Log Cut.			1) 1"		1).1
			TANK CALIFF	****	4 2021.00		message & Mile	*** * * 1	manachite.	*** * *	SAME TO STATE OF	MATERIAL ST

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1 1	CIGON	U 11.	177 7 7/	1 (1)	T 1. () IN C	1101	5 6	C III.	CIK	LUG	٥. د	
_' !	Sine. 1). 1".	Log Sin. 1	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0					.53986	1.65	0.18748	- 1	1.83608	1.37			60
1			1.92367 1.92376		1.54085	1.63	0.18776		1.83690				59
21 3	1		1.92384		L·54183 L·54281	$1.63 \\ 1.63$	0.18804 0.18831		1·83773 1·83855	$1.37 \\ 1.38$			58 57
4	E .		1.92392		1.54379	1.65	0.18859		1.83938	1.37			56
5	0.83946	0.27	1.92400	0.13	1.54478	1.63	0.18887	1	1.84020	1.38	0.26487	0.32	55
6			1.92408		1.54576	1.65	0.18914		1.84103				54
7			1.92416		1.54675	1.65	0.18942		1.84186				53
8		0.25	1.92425 1.92433		$1.54774 \\ 1.54873$	1.65	0.18970		1.84269 1.84352	$1.38 \\ 1.38$			52 51
9			1.92441			1.65	0.18997					- 1	50
10	0.84025	$0.27 \\ 0.27$	1.92441		$1.54072 \\ 1.55071$	$1.65 \\ 1.65$	$0.19025 \\ 0.19053$	0.47	1.84435 1.84518	1.38 1.38			49
112	0.84057	0.25	1.92457		1.55170	1.65	0.19081		1.84601	1.40			48
13	0.84072	0.27	1.92465		1.55269	1.65	0.19108	0.47	1.84685	1.38			47
1.1	0.84088	0.27	1.92473	0.15	1.55368	1.65	0.19136	0.47	1.84768	1.40	0.26663	0.32	46
15		0.27	1.92482		1.55467	1.67	0.19164	0.47	1.84852	1.38	0.26682	0.33	45
16		0·25 0·27	1.92490 1.92498		1.55567 1.55666	$\frac{1.65}{1.67}$	0.19192 0.19219	0.45	1.84935 1.85019	$1.40 \\ 1.40$	$0.26702 \\ 0.26722$	$0.33 \\ 0.32$	44
117	1	0.27	1.92506		1.55766	1.67	0.19247	0.47	1.85103	1.40	0.26741	0.33	42
119	1	0.25	1.92514		1.55866	1.67	0.19275	0.17	1.85187	1.40	0.26761	0.33	41
20	1	0.27	1.92522	0.13	1.55966	1.65	0.19303	0.47	1.85271	1.40	0.26781	0.32	40
21	1	0.27	1.92530	0.13	1.56065	1.67	0.19331	0.45	1.85355	1.40	0.26800	0.33	39
22		0.27	1.92538	0.13	1.56165	1.67	0.19358	0.47	1.85439	1.40	0.26820	0.33	38 37
$\frac{123}{3}$	1	$0.25 \\ 0.27$	1.92546 1.92555	0.15	1.56265 1.56366	1.68 1.67	0.19386 0.19414	$0.47 \\ 0.47$	1.85523 1.85608	$\substack{1.42\\1.40}$	0.26840 0.26860	$0.33 \\ 0.32$	36
24		0.27	1.92563	0.13	1.56466	1.67	0.19442	0.47	1.85692	1.42	0.26879	0.33	35
25 20		0.25	1.92571	0.13	1.56566	1.68	0.19470	0.47	1.85777	1.40	0.26899	0.33	34
27	1	0.27	1.92579	0.13	1.56667	1.67	0.19498	0.47	1.85861	1.42	0.26919	0.33	33
25		0.27	1.92587	0.13	1.56767	1.68	0.19526	0.45	1.85946	1.42	0.26939	0.33	32
21	0.84354	0.25	1.92595	0.13	1.56868	1.68	0.19553	0.47	1.86031	1.42	0.26959	0.32	31
30	0.84339	0.27	1.92603	0.13	1.56969	1.67	0.19581	0.47	1.86116 1.86201	$\begin{array}{c} 1.42 \\ 1.42 \end{array}$	0.26978 0.26998	0.33	$\begin{array}{c} 30 \\ 29 \end{array}$
[3]		0.25 0.27	1.92611	0.13	1.57009 1.57170	1.68 1.68	0·19609 0·19637	0·47 0·47	1.86286	1.42	0.27018	0.33	28
3:		0.27	1.92627	0.13	1.57271	1.68	0.19665	0.47	1.86371	1.43	0.27038	0.33	27
3.		0.25	1.92635	0.13	1.57372	1.70	0.19693	0.47	1.86457	1.42	0.27058	0.33	26
-1_3	0.84417	0.27	1.02643	0.13	1.57474	1.68			1.86542	1.42	0.27078	0.33	25
3		0.25	1.92651	0.13	1.57575				1.86627	1.43	0.27098	0.32	24 23
3		0.27	1.92659		1.57070						$0.27117 \\ 0.27137$	0.33	22
33	8 0-84464 9 0-84480	0·27 0·25	-1.92667 -1.92675	0.13	1.57878				1.86885	1.42	0.27157	0.33	21
ı	1	0.27	1.02683	0.13	1.57981			0.47	1.86970	1.43	0.27177	0.33	20
4		0.25	1.92691	0.13	1.58088				1.87056	1.43	0.27197	0.33	19
1		0.27	1.92699		1.28184						0.27217	0.33	18
-1		0.25	1.02707	0.13	1.58280						$0.27237 \\ 0.27257$	$0.33 \\ 0.33$	17 16
14		0.27	1-92715	0.13	1.58386				1		0.27277	0.33	15
4		0.25	1.02723	0.13	1.58490						0.27217	0.33	14
14			-1.92781 -1.92789							1.45	0.27317	0.33	13
4	7 0.84004 8 0.84019		1.92747	0.13	11.58797	1.72	0.20084	0.47			0.27337	0.33	
	g 0-84635		1.92755	0.13	1.08000	1.70	0.20112		1.87748		0.27357	0.35	
	0 0.84650										0.27378	$0.33 \\ 0.33$	10
	1 0.84666	0.25	1.92771		1.59100						$0.27398 \\ 0.27418$	0.33	8
	2 0.81681										0.27438	0.33	
	$\frac{3}{4} + 0.84697$				1						0.27458	0.33	
- 1					1		0.20281	L 0.47	1.88270			0.33	
1 .	5 0-84728 6 0-84748				1	1.7:	2 0.20309	0.47				0.33	
	7 0.84759	0.25	1.92818	0.13	1.5972							0.35	1 -
T I	8 0.84774												
Į	19 O-84789						0.2042		1.8870		0.27579		0
1	0 0-84805	manuscript to	1.92843	Podogramma arbayansa A	1.6003	· ARRESTANCE SQUARTE	management of the second				. Log Cose		-
	. Cus.	15, 17	'. Log Cor	. D. I"	. Cot.	1), 1	". Log Cot	i. D. L'	Cosec.	D. I.	. LIUE CUSE	e./ g .l.	1 '

JO	1 7 7 7	GOI	A O TAT T) <u> </u>								LUG	Э.
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	1), 1".	Log Tan.	1), 1".	Sea.	D. 1".	Log Sec.	D. 1".	
0	0.84805	0.25	T-92842			1.73	0.20421	0.47	1.88708	1.47	0.27579		60
1	0.84820	0.27	1.92850	0.13	1.60137	1.73	0.20449 0.20477	0·47 0·47	1.88796 1.88884	1.47 1.48	$0.27599 \\ 0.27619$		59
3	0.84836 0.84851	$0.25 \\ 0.25$	1.92858 1.92866	0·13	1.60241	$\frac{1.73}{1.73}$	0.20477	0.47	1.88972	1:47	0.27640		58
4	0.84866	0.27	1.92874	0.12	1.60449	1.73	0.20534	0.47	1-89060	1.17	0.27660	0.33	57 56
5	0.84882	0.25	1.92881	0.13	1.60553	1.73	0.20562	0.47	1.89148	1.48	0.27680		55
6	0.84897	0.27	1.92889	0.13	1.60657	1.73	0.20590	0.47	1.89237	1.47	0.27701	0.33	54
7	0.84913	0.25	1.92897	0.13	1.60761	1.73	0.20618	0.47	1.89325	1.48	0.27721	0.33	53
8	0.84928	0.25	1.92905	0.13	1.60865	1.75	0.20646	0.47	1.89414	1.48	0.27741	0.35	52
9	0.84943	0.27	1.92913	0.13	1.60970	1.73	0.20674	0.48	1.89503	1.47	0.27762	0.33	51
1.0	0.84959	0.25	1.92921	0.13	1.61074	1.75	0.20703	0.47	1.80591	1.48	0.27782	0.33	50
11	0.84974	0.25	1.02929	0.12	1.61179	1.73	0.20781	0.47	1.80680	1.48	0.27802	0.35	49
12	0.84989	0.27	1.92936	0.13	1.61283	1.75	$0.20759 \\ 0.20787$	0.47	1-89769 1-89858	1.48 1.60	0.27828 0.27848	0.83	48
13 14	0.85005 0.85020	$0.25 \\ 0.25$	1.92944 1.92952	0.13	1.61388 1.61493	$\frac{1.75}{1.75}$	0.20787	0.48	1.89948	1.48	0.27863	0.33	47
		0.27	1.02000	0.13	1.61598	1.75	0.20844	0.47	1-90037	1.48	0.27884	0.33	- 1
15 16	0.85035	0.27	1.02968	0.13	1.61703	1.75	0.20872	0.47	1.90126	1.60	0.27904	0.35	45
17	0.85066	0.25	1.02976	0.12	1.61808	1.77	0.20900	0.47	1.90216	1.48	0.27925	0.33	43
18	0.85081	0.25	1.92983	0.13	1.61914	1.75	0.20928	0.48	1-90305	1.50	0.27945	0.35	42
19	0.82006	0.27	1.02991	0.13	1.02019	1.77	0.20957	0.47	1-90395	1.50	0.27966	0.33	41
20	0.85112	0.25	1.02999	0.13	1.62125	1.75	0.20985	0.47	1.90 (85	1.50	0.27986	0.33	40
21	0.85127	0.25	1.03007	0.12	1.02230	1.77	0.21013	0.47	1.90575	1.50	0.28006	0.35	89
22	0.85142	0.25	1.93014	0.13	1.62336	1.77	0.21041	0.48	1.90665	1:50 1:50	0.28027 0.28048	0.85	88
23 24	0.85157 0.85173	$0.27 \\ 0.25$	1.98022 1.98030	0.13	1.62442	1.77 1.77	0.21070	0.47	1-90735	1.50	0.28068	0.88	37 36
			1.93038	0.13	1.62654	1.77	0.21126	0.48	1.90935	1.62	0 28089	0.33	35
25 26	0.85188 0.85203	0·25 0·25	1.93046	0.13	1.62760	1.77	0.21155	0.47	1-91026	1 50	0.28109	0.35	34
27	0.85218	0.27	1.93053	0.13	1.02866	1.77	0.21183	0.47	1.91116	1.62	0.28130	0.33	33
28	0.85234	0.25	1.93061	0.13	1.62972	1.78	0.21211	0.48	1.91207	1 50	0 28150	0.35	32
29	0.85249	0.25	1.93069	0.13	1.63079	1.77	0.51540	0.47	1.91297	1.52	0.28171	0.33	81
80	0.85264	0.25	1.03077	0.12	1.63185	1.78	0.21268	0.17	1 01388	1.52	0.28191	0.35	30
31	0.85279	0.25	1.93084	0.13	1.03292	1.77	0.21296		1 91 179	1 52	0.28212	0.35	29
83	0.85294	0.27	1.93092	0.13	1.63398	1.78	0 21325	0.47		1 52	0.28233		28
33 34	0.85310	0·25 0·25	1.93100 1.93108	0.13	1.63505	1·78 1·78	0.21358	0.48	1.91763	1 52 1 53	0-28253 0-28274	0.35	27 26
1	0.85325					1.78		0.47	1-91844	1 52	0.28298	1	25
35 36	0.85340 0.85355	0·25 0·25	1.98115 1.98128	0.13	1.68719 1.63826	1:80	0-21410 0-21438	0.48	1.91035	1 53	0.28315	0.88	20 24
87	0.85370	0.25	1.98131	0.12	1.68984	1.78	0.21467		1 92027	152	0 28336	0.35	28
38	0.85385	0.27	1.93138	0.13	1-64041	1.78	0.21495	0.48	1 92118	1.53	-0.28357	0.35	22
39	0.85401	0.25	1.93146	0.13	1.64148	1.80	0.21524	0.17	1 92210	1.53	0.28378	0.33	21
40	0.85416	0.25	1.93154	0.12	1-61256	1.78	0.21552		1-02302	1.53	0.28398	0.35	20
41	0.85431	0.25	1.08161	0.13	1.64368	1.80	0.21581		1-92394	1.53	0.28419		
42	0.85446	0.25	1.93169	0.13	1.64471	1.80	0.21609		1 92486	1.53	0.28440	1	18
48	0.85461	0·25 0·25	1.93177 1.93184	0.12	1.64579 1.64687	1.80	0.21687 0.21666	0.48		1.63	-0.28481	0-88 0-85	17 16
			1.93192				0 21694		1-92762	155	0 28502		15
45	0.85491 0.85506	0·25 0·25	1.93192	0.13	1.64793	1-80 1-80	0 21728	0 47		1 53	0 28523	5	14
47	0.85521	0.25	1.93207	0.13	1.65011	1.82	0 21751	0.48	1	1.55	0 28544		13
48	88848·0	0.25	1.93215		1.65120	1.80	0 21780		1-93040	1 55	0 28565	0.35	12
49	0.85551	0.27	1.93223	0.12	1-65228	1.82	0.21808	0.48	1 53133	1 55	0.38980	0.35	11
50	0.85567	0.25	1.93280	0.13	1.65337	1.80	0.21837		1 93220	1.88	0.28007		
51	0.85582	0.25	1.93288	0.13		1.82	0.21865		i aaaro	1/55	0 28027		9
52	0.85597	0.25	1.03246	0-12		1.82	0 21894		1-93412	1.55	0.28648		8
58	0.85012 0.85027	0·25 0·25	1.93253 1.93261	0.13	1.65668	1.82	0-21923 0-21951		1 9350a 1 93596	1 55	- 0 28669 - 0 28690		7 6
1					i						0 28711		5
55		0·25 0·25	1.93269 1.93276	0.12	1.65990	1.82	0-21080 0-22008	0.48	1 93092 1 93785	1 55 1 57	0 287 32		4
57			1.93284	0.12		1-83	0.22008		1.93479	1 57	0 28753		3
58		0.25	1.98291	0.13	1.66209	1.82	0.22065		1-53973	1 55	0.28774		2
59	0.85702		T-93299	0.13	1.66818	1-88	0.22094	0.48	1 94066	1.57	0.28795	0.35	1
60	0.85717		1.93307		1.66428		0.22123		1-94160		0.28816		0
Ens.	Cos.	D. 1".	Log Cos,	D. 1"	Cot.	D. 1"	Log Cut.	D. 1"	l'onnes.	1), 1"	Log Core	e. 1). 1".	,
	U/U/III	A7 (A. (and man	** + + +	1 200	*** * *	****** * ******	**, * *	- A PACABLETO	****	**************************************		

Ţ	KIGUI	MOW.	ICIK	LICA	LLFU	INC	TION	15 8	t TH	EIR	. LOG	S.	59°
	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D.1".	Log Sec.	D. 1".	
1		$0.25 \\ 0.25$	1.93307 1.93314		1.66428 1.66538	$\substack{1.83\\1.82}$	$0.22123 \\ 0.22151$		1.94160	1.57	0.28816	0.35	60
2	0.85747	0.25	1.93322	0.12	1.66647	1.83	0.22131		1.94254 1.94349	$1.58 \\ 1.57$	0.28837 0.28858	0.35	59 58
3		$\begin{array}{c} 0.25 \\ 0.25 \end{array}$	I.93329 I.93337		1.66757 1.66867	$1.83 \\ 1.85$	0.22209		1.94443	1.57	0.28879	0.35	57
		0.23	T.93344	l.	1.66978	1.83	0.22237 0.22266		1.94537 1.94632	1·58 1·57	0.28900 0.28921	0.35	56
1	0.85806	0.25	I-93352	0.13	1.67088	1.83	0.22294	0.48	1.94726	1.58	0.28942	0.37	54
3		$0.25 \\ 0.25$	1.93360 1.93367	0.12 0.13	1.67198 1.67309	1·85 1·83	0.22323 0.22352	0·48 0·48	1.94821 1.94916	$\frac{1.58}{1.58}$	0.28964 0.28985	0·35	53 52
		0.25	1.93375	0.12	1.67419	1.85	0.22381	0.47	1.95011	1.58	0.29006	0.35	51
1.0		$0.25 \\ 0.25$	1.93382 1.93390	0·13 0·12	1.67530 1.67641	1.85	0.22409	0.48	1.95106	1.58	0.29027	0.35	50
11:		0.25	1.93397	0.13	1.67752	1·85 1·85	$0.22438 \\ 0.22467$	0·48 0·47	1.95201 1.95296	1·58 1·60	$0.29048 \\ 0.29069$	0.35	49
1:	3 0.85911	0.25	1.93105	0.12	1.67863	1.85	0.22495	0.48	$\boldsymbol{1.95392}$	1.58	0.29091	0.35	47
1:		0·25 0·25	1.93412 1.93420	0.13	1.67974 1.68085	1.85 1.85	0.22524 0.22553	0.48	1.95487 1.95583	1.60	0.29112 0.29133	0.35	46
1	1 1	0.23	1.93427	0.13	1.68196	1.87	0.22582	0.47	1.95678	$1.58 \\ 1.60$	0.29133 0.29154	0·35 0·37	44
1.			1.93435 1.93442	$0.12 \\ 0.13$	1.68308	1.85	0.22610	0.48	1.95774	1.60	0.29176	0.35	43
11			1.93450	0.13	1.68419 1.68531	$1.87 \\ 1.87$	$0.22639 \\ 0.22668$	0·48 0·48	1.95870 1.95966	$1.60 \\ 1.60$	$0.29197 \\ 0.29218$	0·35 0·35	42
2			1.93457	0.13	1.68643	1.85	0.22697	0.48	1.96062	1.60	0.29239	0.37	40
2 2			1.93465 1.93472	$0.12 \\ 0.13$	1.68754	1.87 1.88	0.22726 0.22754	0·47 0·48	1.96158 1.96255	$1.62 \\ 1.60$	$0.29261 \\ 0.29282$	0.35	39 38
2			1.03480	0.12	1.68979	1.87	0.22783	0.48	1.96351	1.62	0.29202	0.37	37
2	1		1.93187	0.13	1.69091	1.87	0.22812	0.48	1.96448	1.60	0.29325	0.35	36
$\frac{2}{2}$			1.93495 1.93502		1.69203	1.88 1.87	0.22841 0.22870	0·48 0·48	1.96544 1.96641	$1.62 \\ 1.62$	0.29346 0.29367	0.35 0.37	35 34
2			1.93510		1.69428	1.88	0.22899	0.47	1.96738	1.62	0.29389	0.35	33
12			1.93517 1.93525		1.69541 1.69653	1.87 1.88	$0.22927 \\ 0.22956$	0·48 0·48	1.96835 1.96932	$1.62 \\ 1.62$	0.29410 0.29432	0·37 0·35	$\begin{vmatrix} 32 \\ 31 \end{vmatrix}$
$\frac{12}{3}$	1		1.93532		1.69766	1.88	0.22985	0.48	1.97029	1.63	0.29452	0.37	30
3			1.93539	0.13	1.69879	1.88	0.23014	0.48	1.97127	1.62	0.29475	0.35	29
	2 0.86192		1.93547		1.69902	1.90 1.88	$0.23043 \\ 0.23072$		$1.97224 \\ 1.97322$	1.63 1.63	0.29496 0.29518	0·37 0·35	28 27
	8 0.86207 4 0.86222		1.93562		1.70219	1.88	0.23101		1.97420	1.62	0.29539	0.37	26
	5 0.86237		1.93569		1.70832	1.90	0.23130		1.97517	1.63	0.29561	0.35	25
	6 0.86251 7 0.86260		1.93577 1.93584		1.70446	1.90 1.88	$0.23159 \\ 0.23188$		1.97615 1.97713		0.29582 0.29604	0·37 0·35	24 23
	8 0.86281		1.03591		1.70678	1.90	0.23217	0.48	1.97811	1.65	0.29625	0.37	22
3	0 0.80300		1.03599		1.70787	1.90	0.23246		1.07910		0.29647	0.35	21
1 '	0 0.86310		1.93600 1.93614			1.90 1.90	0.23275 0.23303				0.29668 0.29690	0·37 0·37	20 19
	2 0.8634				1.71129	1.92	0.23332	0.48	1.98205	1.65	0.29712	0.35	18
	3 0.8635. 4 0.86361				1		$0.23361 \\ 0.23391$		1		0.29733 0.29755	$0.37 \\ 0.35$	$\begin{bmatrix} 17 \\ 16 \end{bmatrix}$
- 1	A 0.86861 b 0.8688										0.29776	0.37	15
	6 0.8630		1.93650	0.13	1.71588	1.90	0.23449	0.48	1.98601	1.65	0.29798	0.37	14
	17 0-8641 8 0-8642				1.71702						0.29820 0.29841		
- 1	N 0-8642 B 0-8644				1.71932	1.92	0.23530	0.48	1.98898		0.29863	0.37	11
1	0 0.8645	7 0.23	1.03680								0.29885		
	0.8647										$0.29907 \\ 0.29928$	0·35 0·37	
	62 0-8648 63 0-8650				1.72393	1.93	0.23652	0.48	1.99298	1.67	0.29950	0.37	7
	14 0.8651	5 025	1.93709		1						0.29972		
1	55 0.8653										0.29994 0.30016		
	50 0-8654 57 0-8655					1.93	0.23709	0.48	1.99698	1.68	0.30037	0.37	3
- 13	18 0.8657	3 0.25	1.93731								0.30059 0.80081		
- 1	59 0-8658 50 0-86 6 0		i 1.93740 1.9375		1.7820		0.23850		2.00000		0.30108		0
l'	Angeletin managed to	NAME OF THE PERSON	'. Log Con	per adjoint when he	a constant alles atmessere	A PARTY THE PARTY THE	. Log Cot		-		Log Cose	c. D. 1"	
- 1	Cos.	17, 1	. LANG CAM	* *** *	11 000	A-1 A							-

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0 0 1 0 2 0 3 0 0	Sine. -86603 -86617	D. 1". 0·23	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
$ \begin{array}{c cccc} 1 & 0 \\ 2 & 0 \\ 3 & 0 \end{array} $		0.23	T 00770										
4 0	·866 32 ·866 4 6	$0.25 \\ 0.23 \\ 0.25$	$ \begin{array}{r} \hline 1.93753 \\ \hline 1.93760 \\ \hline 1.93768 \\ \hline 1.93775 \\ \end{array} $	$0.13 \\ 0.12 \\ 0.12$	1·73205 1·73321 1·73438 1·73555	1.93 1.95 1.95 1.93	0·23856 0·23885 0·23914 0·23944	0.48 0.48 0.50 0.48	2·00000 2·00101 2·00202 2·00303	1.68 1.68 1.68	0·30103 0·30125 0·30147 0·30169	0·37 0·37 0·37 0·37	60 59 58 57
6 0	-86661 -86675 -86690 -86704	0·23 0·25 0·23 0·25	1.93782 1.93789 1.93797 1.93804	0·13 0·12 0·12	1·73671 1·73788 1·73905 1·74022	1:95 1:95 1:95 1:97	0·23973 0·24002 0·24031 0·24061	0·48 0·48 0·50 0·48	2·00404 2·00505 2·00607 2·00708	1.68 1.70 1.68 1.70	0·30213 0·30235 0·30257	0·37 0·37 0·37 0·37	56 55 54 53
9 0 10 0	0.86719 0.86733 0.86748 0.86762	0·23 0·25 0·23 0·25	1.93811 1.93819 1.93826 1.93833	$0.12 \\ 0.12$	1·74140 1·74257 1·74375 1·74492	1.95 1.97 1.95 1.97	0·24090 0·24119 0·24148 0·24178	0.48 0.48 0.50 0.48	2·00810 2·00912 2·01014 2·01116	1·70 1·70 1·70 1·70	0·30279 0·30301 0·30323 0·30345	0·37 0·37 0·37 0·37	52 51 50 49
$egin{array}{c c} 12 & 0 \\ 13 & 0 \\ 14 & 0 \\ \end{array}$	0.86777 0.86791 0.86805 0.86820	0·23 0·23 0·25 0·23	1.93840 1.93847 1.93855 1.93862	0·13 0·12	1.74610 1.74728 1.74846 1.74964	1.97 1.97 1.97 1.97	0·24207 0·24236 0·24265 0·24295	0.48 0.48 0.50 0.48	2·01218 2·01320 2·01422 2·01525	1.70 1.70 1.72 1.72	0.30367 0.30389 0.30411 0.30433	0·37 0·37 0·37 0·37	48 47 46 45
16 0 17 0 18 0 19 0	0.86834 0.86849 0.86863 0.86878	0·25 0·23 0·25 0·23	$\overline{1.93869}$ $\overline{1.93876}$ $\overline{1.93884}$ $\overline{1.93891}$	0.12 0.13 0.12 0.12	1.75082 1.75200 1.75319 1.75437	1.97 1.98 1.97 1.98	0·24324 0·24353 0·24383 0·24412	0·48 0·50 0·48 0·50	2.01628 2.01730 2.01833 2.01936	1·70 1·72 1·72 1·72	0.30455 0.30477 0.30499 0.30521	0·37 0·37 0·37 0·38	44 43 42 41
$egin{array}{c c} 21 & 0 \ 22 & 0 \ 23 & 0 \ \end{array}$)·86892)·86906)·86921)·86935)·86949	0·23 0·25 0·23 0·23 0·25	$ \begin{array}{r} \hline{1.93898} \\ \hline{1.93905} \\ \hline{1.93912} \\ \hline{1.93920} \\ \hline{1.93927} \end{array} $	0·12 0·13 0·13 0·12 0·12	1.75556 1.75675 1.75794 1.75913 1.76032	1.98 1.98 1.98 1.98 1.98	0.24442 0.24471 0.24500 0.24530 0.24559	0·48 0·48 0·50 0·48 0·50	2.02039 2.02143 2.02246 2.02349 2.02453	1·73 1·72 1·72 1·73 1·73	0·30544 0·30566 0·30588 0·30610 0·30632	0·37 0·37 0·37 0·37 0·38	40 39 38 37 36
26 0 27 0 28 0 29 0	0.86964 0.86978 0.86993 0.87007 0.87021	0.23 0.25 0.23 0.23 0.23	Ī·93934 Ī·93941 Ī·93948 Ī·93955 Ī·93963	0·12 0·12 0·12 0·13 0·13	1.76151 1.76271 1.76390 1.76510 1.76630	2.00 1.98 2.00 2.00 1.98	0·24589 0·24618 0·24647 0·24677 0·24706	0·48 0·48 0·50 0·48 0·50	2·02557 2·02661 2·02765 2·02869 2·02973	1·73 1·73 1·73 1·73 1·73	0·30655 0·30677 0·30699 0·30721 0·30744	0·37 0·37 0·37 0·38 0·37	35 34 33 32 31
31 0 32 0 33 0 34 0	0.87036 0.87050 0.87064 0.87079 0.87093	0·23 0·23 0·25 0·23 0·23	1.93970 1.93977 1.93984 1.93991 1.93998	$0.12 \\ 0.12 \\ 0.12 \\ 0.12 \\ 0.12$	1.76749 1.76869 1.76990 1.77110 1.77230	2.00 1.98 2.00 2.00 2.02	0.24736 0.24765 0.24795 0.24824 0.24854	0.48 0.50 0.48 0.50 0.48	2.03077 2.03182 2.03286 2.03391 2.03496	1.75 1.73 1.75 1.75 1.75	0·30766 0·30788 0·30811 0·30833 0·30856	0·37 0·38 0·37 0·38 0·37	30 29 28 27 26
36 0 37 0 38 0	0.87107 0.87121 0.87136 0.87150 0.87164	0·23 0·25 0·23 0·23 0·23	1.94005 1.94012 1.94020 1.94027 1.94034	0·12 0·13 0·12 0·12 0·12	1.77351 1.77471 1.77592 1.77713 1.77834	2.02	0.24883 0.24913 0.24942 0.24972 0.25002	0.50 0.48 0.50 0.50 0.48	2.03601 2.03706 2.03811 2.03916 2.04022	1.75 1.75 1.75 1.77 1.77	0.30878 0.30900 0.30923 0.30945 0.30968	0·37 0·38 0·37 0·38 0·37	25 24 23 22 21
41 0 42 0 43 0	0·87178 0·87193 0·87207 0·87221 0·87235	0.25 0.23 0.23 0.23 0.25	1.94041 1.94048 1.94055 1.94062 1.94069	0.12 0.12 0.12 0.12 0.12	1.77955 1.78077 1.78198 1.78319 1.78441	2·03 2·02 2·02 2·03 2·03	0.25031 0.25061 0.25090 0.25120 0.25149	0.50 0.48 0.50 0.48 0.50	$\begin{array}{c} 2.04128 \\ 2.04233 \\ 2.04339 \\ 2.04445 \\ 2.04551 \end{array}$	1.75 1.77 1.77 1.77 1.77	0.30990 0.31013 0.31035 0.31058 0.31080	0·38 0·37 0·38 0·37 0·38	19 18 17 16
46 0 47 0 48 0	0·87250 0·87264 0·87278 0·87292 0·87306	0·23 0·23 0·23 0·23 0·25	1.94076 1.94083 1.94090 1.94098 1.94105	0.12 0.12 0.13 0.12 0.12	1·78685 1·78807	2·03 2·03 2·03 2·03 2·05	0.25179 0.25209 0.25238 0.25268 0.25298	0·50 0·48 0·50 0·50 0·48	2.04657 2.04764 2.04870 2.04977 2.05084	1.78 1.77 1.78 1.78 1.78	0.31103 0.31125 0.31148 0.31171 0.31193	0·37 0·38 0·38 0·37 0·38	
51 0 52 0 53 0	0·87321 0·87335 0·87349 0·87363 0·87377	0·23 0·23 0·23 0·23 0·23	$ \overline{1.94112} $ $ \overline{1.94119} $ $ \overline{1.94126} $ $ \overline{1.94133} $ $ \overline{1.94140} $	0.12 0.12 0.12 0.12 0.12	1·79419 1·79542	2·05 2·05 2·05	0·25327 0·25357 0·25387 0·25417 0·25446	0.50 0.50 0.50 0.48 0.50	2.05298 2.05405 2.05512	1·78 1·78 1·78 1·78 1·80	0.31216 0.31238 0.31261 0.31284 0.31306	0·37 0·38 0·38 0·37 0·38	9 8 7
56 0 57 0 58 0	0.87391 0.87406 0.87420 0.87434 0.87448	0·25 0·23 0·23 0·23 0·23	1.94147 1.94154 1.94161 1.94168 1.94175	0.12	1.79911 1.80034	2·05 2·07 2·05	0.25476 0.25506 0.25535 0.25565 0.25595	0.50 0.48 0.50 0.50 0.50	2·05942 2·06050	1.80 1.78 1.80 1.80 1.82	0.31329 0.31352 0.31375 0.31397 0.31420	0.38 0.38 0.37 0.38 0.38	3 2
60 0	0.87462		ī·94182		1.80405		0.25625	· ·	2.06267	•	0.81448	"	
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec	. D. 1".	

			TEIK								LOG		_
-	Sine.		Log Sin.				Log Tan.		. Sec.	D. 1".	Log Sec.	D. 1".	<u> </u>
	0.87462 0.87476	$0.23 \\ 0.23$	1.94182 1.94189		1.80405 1.80529	$\substack{2\cdot07\\2\cdot07}$	$0.25625 \\ 0.25655$	0.50 0.48	2.06267 2.06375	1.80	0.31443	0.38	60
2	0.87490	0.23	1.94196	0.12	1.80653	2.07	0.25684	0.50	2.06483	$1.80 \\ 1.82$	$0.31466 \\ 0.31488$	$\begin{array}{c} 0.37 \\ 0.38 \end{array}$	58
	0.87504	0.23	1.94203		1.80777	2.07	0.25714	0.50	2.06592	1.82	0.31511	0.38	57
- 1	0.87518	0.23	1.94210	0.12	1.80901	2.07	0.25744	0.50	2.06701	1.80	0.31534	0.38	56
	0.87532 0.87546	$0.23 \\ 0.25$	T-94217 T-94224	$\begin{bmatrix} 0.12 \\ 0.12 \end{bmatrix}$	1.81025 1.81150	$\frac{2.08}{2.07}$	0.25774	0.50	2.06809	1.82	0.31557	0.38	5
7	0.87561	0.23	1.94231		1.81274	2.07	$0.25804 \\ 0.25834$	0.50 0.48	2.06918 2.07027	$1.82 \\ 1.83$	$0.31580 \\ 0.31603$	0.38 0.38	54
8	0.87575	0.23	1.94238	0.12	1.81399	2.08	0.25863	0.50	2.07137	1.82	0.31626	0.38	52
- 1	0.87589	0.23	1.94245	0.12	1.81524	2.08	0.25893	0.50	2.07246	1.83	0.31649	0.38	51
	0.87603	0.23	1.94252	0.12	1.81649	2.08	0.25923	0.50	2.07356	1.82	0.31672	0.38	50
1 2	0.87617 0.87631	$0.23 \\ 0.23$	1.94259 1.94266	$\begin{array}{c c} 0.12 \\ 0.12 \end{array}$	1.81774 1.81899	$2.08 \\ 2.10$	0.25953 0.25983	0.50	2.07465 2.07575	1.83 1.83	0·31695 0·31717	0·37 0·38	49
	0.87645	0.23	1.94273	0.10	1.82025	2.08	0.26013	0.50	2.07685	1.83	0.31740	0.38	47
4	0.87659	0.23	1.94279	0.12	1.82150	2.10	0.26043	0.50	2.07795	1.83	0.31763	0.40	46
	0.87673	0.23	1.94286	0.12	1.82276	2.10	0.26073	0.50	2.07905	1.83	0.31787	0.38	48
7	0.87687 0.87701	0·23 0·23	1.94293 1.94300	$0.12 \\ 0.12$	1.82402 1.82528	$\substack{2\cdot10\\2\cdot10}$	0.26103 0.26133	0.50 0.50	2.08015	1.85	0.31810	0.38	44
	0.87715	0.23	1.94307	0.12	1.82654	2.10	0.26163	0.50	2.08126 2.08236	1·83 1·85	$0.31833 \\ 0.31856$	0.38 0.38	43
9	0.87729	0.23	1.94314	0.12	1.82780	2.10	0.26193	0.50	2.08347	1.85	0.31879	0.38	4:
0	0.87743	0.22	1.04321	0.12	1.82906	$2 \cdot 12$	0.26223	0.50	2.08458	1.85	0.31902	0.38	4(
11	0.87756	0.23	1-94328 1-94335	0.12	1.83033	2.10	0.26253	0.50	2.08569	1.85	0.31925	0.38	35
3	0.87784	$0.23 \\ 0.23$	1.94342	$0.12 \\ 0.12$	1.83159 1.83286	$2.12 \\ 2.12$	0.26283 0.26313	0.50 0.50	2·08680 2·08791	1·85 1·87	$0.31948 \\ 0.31971$	0.38 0.38	37
4	0.87798	0.23	1.94349	0.10	1.83413	$2 \cdot 12$	0.26343	0.50	2.08903	1.85	0.31994	0.40	3
15	0.87812	0.23	1.04355	0.12	1.83540	$2 \cdot 12$	0.26373	0.50	2.09014	1.87	0.32018	0.38	31
10	0.87826	0.23	1.94362	0.12	1.83667	2.12	0.26403	0.50	2.09126	1.87	0.32041	0.38	34
7	0.87840	0.23 0.23	1.94369 1.94376	$0.12 \\ 0.12$	1.83794 1.83922	$\frac{2.13}{2.12}$	0·26433 0·26463	0.50 0.50	2·09238 2·09350	1.87 1.87	0.32064 0.32087	0.38	3:
0	0.87868	0.23	1.94388	0.12	1.84049	2.13	0.26493	0.52	2.00462	1.87	0.32110	0.40	3
0	0.87882	0.23	1-94390	0.12	1.84177	2.13	0.26524	0.50	2.09574	1.87	0.32134	0.38	3
1	0.87896	0.22	1.94397	0.12	1.84305	2.13	0.26554	0.50	2.09686	1.88	0.32157	0.38	2
32	0.87909	0.28	1.94404	$0.10 \\ 0.12$	1.84433	$\frac{2\cdot 13}{2\cdot 13}$	0.26584 0.26614	0.50 0.50	2.09799 2.09911	1·87 1·88	$0.32180 \\ 0.32204$	0·40 0·38	22
13	0.87923 0.87937	0.28 0.23	1.94417	0.12	1.84689	2.15	0.26644	0.50	2.10024	1.88	0.32204 0.32227	0.38	2
15	0.87951	0.23	1.94424	0.12	1.84818	2.13	0.26674	0.52	2.10137	1.88	0.32250	0.40	28
36	0.87965	0.23	1.94431	0.12	1.84946	2.15	0.26705	0.50	2.10250	1.88	0.32274	0.38	24
17	0.87979	0.23	1.94438 1.94445	$0.12 \\ 0.10$	1.85075 1.85204	2.15 2.15	0.26735 0.26765	0.50	2·10363 2·10477	1·90 1·88	$0.32297 \\ 0.32320$	0·38 0·40	23
18 19	0.87998	0.22 0.23	1.94451	0.12	1.85883	2.15	0.26795	0.20	2.10590	1.90	0.32320	0.38	2
0	0.88020	0.23	1.94458	0.12	1.85462	2.15	0.26825	0.52	2.10704	1.88	0.32367	0.40	20
ii	0.88034	0.23	1.94465	0.12	1.85591	2.15	0.26856	0.50	2.10817	1.90	0.32391	0.38	1:
2	0.88048	0.23	1.94472	0.12	1.85720	$\frac{2.17}{2.15}$	0.26886 0.26916	0.50	2·10981 2·11045	$1.90 \\ 1.90$	0.82414 0.82438	0·40 0·38	1
8	0-88062 0-88075	0.22 0.23	1.94479	0·10 0·12	1.85850	2.17	0.26946	0.52	2.11159	1.92	0.32461	0.40	1
5	0.88089	0.23	1.94492	0.12	1.86109	2.17	0.26977	0.50	2.11274	1.90	0.32485	0.38	1
6	0.88103	0.23	1.94499	0.12	1.86289	2.17	0.27007	0.50	2.11388	1.92	0.82508	0.40	1
7	0.88117	0.22	1.94506	0.12	1.86869	2.17	0.27037	0.52		$1.90 \\ 1.92$	0.32532 0.82555	0·38 0·40	1
H	0-88130 0-88144	0-23 0-23	1-94518 1-94519	0.10	1.86499 1.86630	2.18 2.17	$0.27068 \\ 0.27098$	0.50 0.50	2.11017	1.92	0.32579	0.38	li
0	0.88158	0.28	1.94526	0.12	1.86760	2.18	0.27128	0.52	2.11847	1.93	0.82602	0.40	1
1	0.88172	0.32	1.94533	0.12	1.86891	2.17	0.27159	0.50	2.11963	1.92	0.32626	0.40	
12	0 88185	0 23	1-94540	0.10	1.87021	2.18	0.27189	0.52		1.02	$0.32650 \\ 0.32673$	0·38 0·40	
3	0.88199	0.93	1.04546	0.12	1.87152	2·18 2·20	$0.27220 \\ 0.27250$	0.50 0.50	2.12198 2.12309	1.98 1.93	0.32673	0.38	
4	0.88213	0.22	1.94558	0.12	1.87415	2.18	0.27280	0.52	2.12425	1.92	0.32720	0.40	1
15	0-88226 0-88240	0.23 0.23	1-94560 1-94567	0.10	1.87546	2.18	0.27311	0.50	2.12540	1.95	0.32744	0.40	
7	0.88254	0.22	1.94578	0.12	1.87677	2.20	0.27341	0.52	2.12657	1.93	0.32768	0.40	
H	0.88267	0 23	1.04580	0.12		2·20 2·20	0.27372 0.27402	0.50 0.52	2.12778 2.12889	1.93 1.93	$0.32792 \\ 0.32815$	0·38 0·40	
	0.88281	0.23	1.04587	0.10	1.87941	# #U	0.27488	, UA	2.13005		0.32839		1
(1)	0 88295		1.94598	-	1-88073	W 4//	CONC. OF TOWNS OF THE PERSON NAMED IN	T) 1"		D 1"	Log Cosec.	D. 1"	-
	Coa.	D. 1".	Log Coa.	D. 1".	Cot.	D. 1".	Log Cot.	D. L.	Совес.		TOR COURCE		٠,

62° TRIGONOMETRICAL FUNCI D. 1". D. 1". D. 1". Log Sin. Tan. Log Tan. Sine. , $\overline{1}:94593$ 0.121.88073 2.20 0.274330.220.882950 $\overline{1} \cdot 94600$ 0.121.882052.200.274630.231 0.88308

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,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".
0	0.89101	0.22	1.94988	0.12	1.96261	2.35	0.29283	0.53
1	0.89114	0.22	1.94995	0.10	1.96402	2.37	0.29315	0.52
2	0.89127	0.22	1.95001	0.10	1.96544	2.35	0.29346	0.52
3	0.89140	0.22	1.95007	0.12	1.96685	2.37	0.29377	0.52
4	0.89153	0.23	1.95014	0.10	1.96827	2.37	0.29408	0.53
5	0.89167	0.22	1.95020	0.12	1.96969	$2 \cdot 37$	0.29440	0.52
6	0.89180	0.22	1.95027	0.10	1.97111	2.37	0.29471	0.52
7	0.89193	0.22	1.95033	0.10	1.97253	2.37	0.29502	0.53
8	0.89206	0.22	1.95039	0.12	1.97395	2.38	0.29534	0.52
9	0.89219	0.22	1.95046	0.10	1.97538	2.38	0.29565	0.52
10	0.89232	0.22	1.95052	0.12	1.97681	2.37	0.29596	0.53
11	0.89245	0.23	1.95059	0.10	1.97823	2.38	0.29628	0.52
12	0.89259	0.22	1.95065	0.10	1.97966	$2 \cdot 40$	0.29659	0.53
13	0.89272	0.22	1.95071	0.12	1.98110	2.38	0.29691	0.52
1.4	0.89285	0.22	1.95078	0.10	1.98253	2.38	0.29722	0.52
15	0.89298	0.22	1.95084	0.10	1.98396	2.40	0.29753	0.53
16	0.89311	0.22	1.95090	0.12	1.98540	2.40	0.29785	0.52
17	0.89324	0.22	1.95097	0.10	1.98684	2.40	0.29816	0.53
18	0.89337	() 222	1.95103	0.12	1.98828	2.40	0.29848	0.52
19	0.89350	() 22	1.95110	0.10	1.98972	2.40	0.29879	0.53
20	0-89363	0.22	1.95116	0.10	1.99116	2.42	0.29911	0.52
21	0.89376	().222	1.95122	0.12	1.99261	$2 \cdot 42$	0.29942	0.53
4) 4) mi mi	0.89389	().22	1.95129	0.10	1.99406	2.40	0.29974	0.52

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0	0.89879	0.22	1.95366	0.10	2.05030	2.53	0·31182 0·31214	0.4
1	0.89892	0.22	1.95372	0.10	2.05182	2.52	0.31214	0.1
2	0.89905	0.22	1.95378	0.10	2.05333	2.03	0.31240	0.0
3	0.89918	0.20	1.95384	0.12	2.05485	2.53	0.31278	0.1

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2	0.89905	0.22	1.95378	0.10	2.05333	2.53	0.31246	0.0
3	0.89918	0.20	1.95384	0.12	2.05485	2.53	0.31278	0.1
4	0.89930	0.22	1.95391	0.10	2.05637	2.55	0.31310	()-!
5	0.89943	0.22	1.95397	0.10	2.05790	2.53	0.31342	0.1
6	0.89956	0.20	1.95403	0.10	2.05942	2.53	0.31374	()-1
7	0.89968	0.22	1.95409	0.10	2.06094	2.55	0.31407	()-1
8	0.89981	0.22	1.95415	0.10	2.06247	2.55	0.31439	0.5
9	0.89994	0.22	1.95421	0.10	2.06400	2.55	0.31471	()-[
10	0.90007	0.20	1.95427	0.12	2.06553	2.55	0.31503	0.4
11	0.90019	0.22	1.95434	0.10	2.06706	2.57	0.31535	()-1
12	0.90032	0.22	1.95440	0.10	2.06860	2.57	0.31568	()-1
13	0.90045	0.20	1.95446	0.10	2.07014	2.55	0.31600	()-1
14	0.90057	0.22	1.95452	0.10	2.07167	2.57	0.31632	()-1
15	0.90070	0.20	1.95458	0.10	2.07321	2.58	0.31664	0.8
16	0.90082	0.22	1.95464	0.10	2.07476	2.57	0.31697	0.1
17	0.90095	0.22	1.95470	0.10	2.07630	2.58	0.31729	()-1
18	0.90108	0.20	1.95476	0.10	2.07785	2.57	0.31761	0.1
19	0.90120	0.22	1.95482	0.10	2.07939	2.68	0.31794	()-1
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1	1	0.89892	0.22	1.95372	0.10	2.05182	2.52	0.31214	0.1
	2	0.89905	0.22	1.95378	0.10	2.05333	2.53	0.31246	0.4
	3	0.89918	0.20	1.95384	0.12	2.05485	2.53	0.31278	0.4
			0.22				2.55	0.31310	()-!
	5	0.89943	0.22	1.95397	0.10	2.05790	2.53	0.31342	0.1
i		0.89956		1.95403			2.53	0.31374	()-1
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	1	0.90643	0.20	1.95733	0.10	2.14614	$2 \cdot 72$	0.33166	0.55	$2 \cdot 3$
١	2	0.90655	0.22	1.95739	0.10	2.14777	2.72	0.33199	0.55	2.3
	3	0.90668	0.20	1.95745	0.10	2.14940	2.73	0.33232	0.55	$2 \cdot 3$
ı	4	0-90680	0.20	I-95751	0.10	2.15104	2.73	0.33265	0.55	2.3
	5	0.90692	0.20	1.95757	0.10	2.15268	2.73	0.33298	0.55	2.3
į	6	0.90704	0.22	1.95763	0.10	2.15432	2.73	0.33298 0.33331	, 1	
	7	0.90717	0.20	$\hat{1}.95769$	0.10	2.15596	$\frac{2.73}{2.73}$		0.55	2.3
	8	0.90729	0.20	1.95775				0.33364	0.55	2.3
					0.08	2.15760	2.75	0.33397	0.55	2.3
	9	0.90741	0.20	1.95780	0.10	2.15925	2.75	0.33430	0.55	$2\cdot3$
	10	0.90753	0.22	1.95786	0.10	2.16090	2.75	0.33463	0.57	2.3
	11	0.90766	0.20	1.95792	0.10	2.16255	2.75	0.33497	0.55	$2 \cdot 3$
	12	0.90778	0.20	1.95798	0.10	2.16420	2.75	0.33530	0.55	2.3
	13	0-90790	0.20	1.95804	0.10	2.16585	2.77	0.33563	0.55	2.3
	1-4	0.90802	0.20	1.95810	0.08	2.16751	2.77	0.33596	0.55	2.3
	15	0.90814	0.20	1.95815	0.10	2.16917	2.77	0.33629	0.57	2.3
	16	0.90826	0.22	1.95821	0.10	2.17083	2.77	0.33663	0.55	$2 \cdot 3$
	17	0.90839	0.20	1.95827	0.10	2.17249	2.78	0.33696	0.55	$\tilde{2}\cdot 3$
	18	0.90851	0.20	1.95833	0.10	2.17416	2.77	0.33729	0.55	$\frac{2}{2} \cdot 3$
	19	0.90863	0.20	1.95839	0.08	2.17582	2.78	0.33762	0.57	$\frac{2}{2} \cdot 3$
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	20	0.90875	0.20	1.95844	0.10	2.17749	2.78	0.33796	0.55	2.3
	21	0.90887	()-43()	1.95850	0.10	2-17916	2.80	0.33829	0.55	2.3
	않았	0.90899	():23()	1.95856	0.10	2.18084	2.78	-0.33862	0.57	2.3
	23	0-90911	化學等	1.95862	0.10	2.18251	2.80	-0.33896	0.55	2.4

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0	0.91355	0.18	1.96073	0.10	2.24604	2.93	0.35142
1 2	0.91366 0.91378	$\begin{array}{c} 0.20 \\ 0.20 \end{array}$	1.96079 1.96084	0.08 0.10	2.24780 2.24956	2·93 2·93	0.35176 0.35210
3	0.91390	0.20	1.96090	0.08	1	2.95	0.35244
4	0.91402	0.20	1.96095	0.10	2.25309	2.95	0.35278
5	0.91414	0.18	1.96101	0.10	1	2.95	0.35312
6	0.91425	0.20	1.96107	0.08	,	2.95	0.35346
7 8	0.91437	$0.20 \\ 0.20$	1.96112	0.10	2·25840 2·26018	$2.97 \\ 2.97$	0.35380
9	0.91449 0.91461	0.18	1.96118 1.96123	0.08 0.10		2.97	$0.35414 \\ 0.35448$
10	0.91472	0.20	1.96129	0.10		2.97	0.35483
11	0.91484	0.20	1.96135	0.08		2.97	0.35517
12	0.91496	0.20	1.96140	0.10	2.26730	2.98	0.35551
13	0.91508	0.18	1.96146	0.08	1	2.98	0.35585
14	0.91519	0.20	1-96151	0.10	2.27088	2.98	0.35619
15 16	0.91531 0.91543	0.20	1.96157	0.08	2-27267	3.00	0.35654
10 17	0.91555	$0.20 \\ 0.18$	1.96162 1.96168	0.10	1	2:98 3:00	0-35688 0-35722
18	0.91566	0.20	Î-96174	0.08	2.27806	3.02	0.35757
19	0.91578	0.20	1.96179	0.10	2-27987	3.00	0.35791
20	0.91590	0.18	1.96185	0.08	2-28167	3.02	0.35825
21	0.91601	0.20	1.96190	0.10	2-28348	3.00	0.35860
22 23	0.91613	$0.20 \\ 0.18$	1.96196 1.96201	0.08 0.10	2-28528 2-28710	3-03 3-02	0-35894 0-35928
24	0.91636	0.20	1.96207	0.08	2-28891	3.03	0.35963
25	0.91648	0.20	1.96212	0.10	2-29073	3.02	0 35997
26	0.91660	0.18	1.96218	0.08	2.29254	8.05	0.36032
27	0.91671	0.20	1.96223	0.10	2-29437	3.03	0.36066
28 29	0.91683	0·18 0·20	$\begin{array}{c} 1.96229 \\ 1.96234 \end{array}$	0.08	2.29619 2.29801	3-03 3-05	0.36101
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31	0.91718	0·20 0·18	1.96245	0.08 0.10	2·29984 2 30167	3.05 3.07	0.36170 0.86204
32	0.91729	0.20	1.96251	0.08	2-30351	8.05	0.36239
33	0.91741	0.18	1.96256	0.10	2.30534	3.07	0.30274
34	0.91752	0.20	1.96262	0.08	2-30718	3.07	0 36308
85	0.91764	81.0	1.96267	0.10	2.30902	3.07	0 3 6 3 4 3
36 37	0.91775 0.91787	$0.20 \\ 0.20$	1.96278 1.96278	0-08 0-10	2-31086	3.08	0.36377 0.36412
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• D. 1". D. 1". Sine. Log Sin. Tan. D. 1". Log Tan. D. 1". 0.20 $0 \mid 0.92050$ 1.96403 3.18 0.08 | 2.355850.58 2.559 0.37215

TRIGONOMETRICAL FUNCTIONS & T

Sec

2	0.92073	0.20	$\frac{1.96408}{1.96413}$	0.10	2.35967	3.18	0.37285	0.58	9
3	$0.92085 \\ 0.92096$	0.18	$\bar{1}$.96419	0.08	2.36158	3.18	0.37320	0.58	9

1	0.92062	0.18	1.96408	0.08	2.35776	3.18	0.37250	0.58	2.561
2	0.92073	0.20	1.96413	0.10	2.35967	3.18	0.37285	0.58	2.562
3	0.92085	0.18	1.96419	0.08	2.36158	3.18	0.37320	0.58	2.564
4	0.92096	0.18	$\overline{1} \cdot 96424$	0.08	2.36349	$3 \cdot 20$	0.37355	0.60	2.566
5	0.92107	0.20	$\overline{1} \cdot 96429$	0.10	2.36541	3.20	0.37391	0.58	2.568
6	0.09110	0.18	T.06425	0.00	9.26722	2.90	0.27406	0 50	0 700

2	0.92073	0.20	1.96413	0.10	2.35967	3.18	0.37285	0.58	2.562
3	0.92085	0.18	$\bar{1}$.96419		2.36158		0.37320		
4	0.92096	0.18	$\bar{1}$ 96424	0.08	2.36349	3.20	0.37355	0.60	2.566
		0.20	$\overline{1} \cdot 96429$	0.10	2.36541	3.20	0.37391	0.58	2.568
	0.92119	0.18	1.96435	0.08	2.36733	3.20	0.37426	0.58	2.569
7	0.92130	0.18	$\bar{1}$ 96440	0.08	2.36925	3.22	0.37461	0.58	2.57
8	0.92141	0.18	1.96445	0.10	2.37118				

4	0.92096	0.18	1.96424	0.08	2.36349	3.20	0.37355	0.60	2.566
5	0.92107	0.20	$\bar{1}$ 96429	0.10	2.36541	3.20	0.37391	0.58	2.568
•		0.18	1.96435	0.08	2.36733	3.20	0.37426	0.58	2.569
	0.92130	0.18	$\bar{1}$ -96440	0.08	2.36925	3.22	0.37461	0.58	2.571
		0.18	1.96445	0.10	2.37118	3.22	0.37496	0.60	2.573
9	0.92152	0.20	1.96451	0.08	2.37311	3.22	0.37532	0.58	2.575
orl	0.92164	8.1.0	7.96456	0.08	2.37504	3.22	0.37567	0.58	9.576

					l				
	0.92107	0.20	$\overline{1} \cdot 96429$	0.10	2.36541	3.20	0.37391	0.58	2.568
			$\overline{1}$ 96435						2.569
	0.92130	0.18	$\bar{1}$ -96440	0.08	2.36925	3.22	0.37461	0.58	2.571
8	0.92141	0.18	1.96445	0.10	2.37118	3.22	0.37496	0.60	2.573
9	0.92152	0.20	1.96451	0.08	2.37311	3.22	0.37532	0.58	2.575
			$\overline{1} \cdot 96456$						
11	0.92175	0.18	$\bar{1}$ 96461	0.10	2.37697	3.23	0.37602	0.60	2.578
40	0 00-00	A A A	7 00 400		0.00000				

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(6	0.92119	0.18	$\overline{1}$ 96435	0.08	2.36733	3.20	0.37426	0.58	2.56
1	7	0.92130	0.18	$\bar{1}$ -96440	0.08	2.36925	3.22	0.37461	0.58	2.57
	8	0.92141	0.18	1.96445	0.10	2.37118	3.22	0.37496	0.60	2.57
	9	0.92152	0.20	1.96451	0.08	2.37311	$3 \cdot 22$	0.37532	0.58	2.57
1	0	0.92164	0.18	$\overline{1} \cdot 96456$	0.08	2.37504	3.22	0.37567	0.58	2.57
1:	1	0.92175	0.18	1.96461	0.10	2.37697	3.23	0.37602	0.60	2.57
] 1:	2	0.92186	0.20	1.96467	0.08	2.37891	3.22	0.37638	0.58	2.58
1:	3	0.92198	0.18	1.96472	0.08	2.38084	3.25	0.37673	0.58	2.58
1	4	0.92209	0.18	1.96477	0.10	2.38279	3.23	0.37708	0.60	2.58
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	0 02200	0 2.0	m	~ ~ ~	~ ~~~	•	OUTOT	0 00	201
8	0.92141	0.18	1.96445	0.10	2.37118	3.22	0.37496	0.60	2.57
9	0.92152	0.20	1.96451	0.08	2.37311	$3 \cdot 22$	0.37532	0.58	2.57
10	0.92164	0.18	$\overline{1}$ 96456	0.08	2.37504	$3 \cdot 22$	0.37567	0.58	2.57
11	0.92175	0.18	1.96461	0.10	2.37697	3.23	0.37602	0.60	2.57
12	0.92186	0.20	1.96467	0.08	2.37891	3.22	0.37638	0.58	2.58
13	0.92198	0.18	$\bar{1}$ -96472	0.08	2.38084	3.25	0.37673	0.58	2.58
14	0.92209	0.18	1.96477	0.10	2.38279	3.23	0.37708	0.60	2.58
8	0.92220	0.18	1.96483	0.08	2.38473	3.25	0.37744	0.58	2.58
16	0.92231	0.20	1.96488	0.08	2.38668	3.25	0.37779	0.60	2.58
17	0.92243	0.18	1.96493	0.08	2.38863	3.25	0.37815	0.58	2.58
118	0.92254	0.18	T-96498	0.10	2.39058	3.25	0.37850	0.60	2.59

9	0.92152	0.20	1.96451	0.08	2.37311	3.22	0.37532	0.58	2.575
10	0.92164	0.18	1.96456	0.08	2.37504	$3 \cdot 22$	0.37567	0.58	2.576
11	0.92175	0.18	$\bar{1}$ 96461	0.10	2.37697	3.23	0.37602	0.60	2.578
12	0.92186	0.20	1.96467	0.08	2.37891	$3 \cdot 22$	0.37638	0.58	2.580
13	0.92198	0.18	1.96472	0.08	2.38084	3.25	0.37673	0.58	2.589
14	0.92209	0.18	1.96477	0.10	2.38279	3.23	0.37708	0.60	2.584
15	0.92220	0.18	1.96483	0.08	2.38473	3.25	0.37744	0.58	2.58
16	0.92231	0.20	1.96488	0.08	2.38668	3.25	0.37779	0.60	2.58
17	0.92243	0.18	1.96493	0.08	2.38863	3.25	0.37815	0.58	2.58
18	0.92254	0.18	1.96498	0.10	2.39058	$3 \cdot 25$	0.37850	0.60	2.59
19	0.92265	0.18	1.96504	0.08	2.39253	3.27	0.37886	0.58	2.59
20	0.92276	0.18	T-96509	0.08	2.39449	3.27	0.37921	0.60	2.59
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1	TO	0.92164	0.78	7.86496	0.08	2.37504	$3 \cdot 22$	0.37567	0.58	2.576
l	11	0.92175	0.18	1.96461	0.10	2.37697	3.23	0.37602	0.60	2.578
1	12	0.92186	0.20	1.96467	0.08	2.37891	3.22	0.37638	0.58	2.580
١	13	0.92198	0.18	1.96472	0.08	2.38084	3.25	0.37673	0.58	2.585
١	14	0.92209	0.18	1.96477	0.10	2.38279	3.23	0.37708	0.60	2.584
1	15	0.92220	0.18	$\overline{1} \cdot 96483$	0.08	2.38473	3.25	0.37744	0.58	2.58
1	16	0.92231	0.20	1.96488	0.08	2.38668	3.25	0.37779	0.60	2.58
I	17	0.92243	0.18	1.96493	0.08	2.38863	3.25	0.37815	0.58	2.58
ı	18	0.92254	0.18	1.96498	0.10	2.39058	$3 \cdot 25$	0.37850	0.60	2.59
I	19	0.92265	0.18	1.96504	0.08	2.39253	3.27	0.37886	0.58	2.59
I	20	0.92276	0.18	T-96509	0.08	2.39449	3.27	0.37921	0.60	2.59
	21	0.92287	0.20	1.96514	0.10	2.39645	3.27	0.37957		2.59

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,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log To
0	$\begin{vmatrix} 0.92718 \\ 0.92729 \end{vmatrix}$	0;18 0·18	$\begin{array}{c} \overline{1} \cdot 96717 \\ \overline{1} \cdot 96722 \end{array}$	0·08 0·08	2·47509 2·47716	3·45 3·47	0·393 0·393
$\begin{bmatrix} 2\\ 3\\ 4 \end{bmatrix}$	$\begin{bmatrix} 0.92740 \\ 0.92751 \\ 0.92762 \end{bmatrix}$	0·18 0·18 0·18	1.96727 1.96732 1.96737	0·08 0·08 0·08	2·47924 2·48132 2·48340	3·47 3·47 3·48	0.394 0.394 0.395
5 6	$0.92773 \\ 0.92784$	0·18 0·17	$\overline{1.96742}$ $\overline{1.96747}$	0·08 0·08	2·48549 2·48758	3·48 3·48	0·395 0·395
7 8 9	$ \begin{vmatrix} 0.92794 \\ 0.92805 \\ 0.92816 \end{vmatrix} $	0·18 0·18 0·18	1.96752 1.96757 1.96762	0.08 0.08 0.08	2.48967 2.49177 2.49386	3·50 3·48 3·52	0.396 0.396 0.396
10 11	0.92827 0.92838	0·18 0·18	$\overline{1.96767}$ $\overline{1.96772}$	0·08 0·10	2·49597 2·49807	3·50 3·52	0.397
$\begin{bmatrix} 12\\13\\14 \end{bmatrix}$	0.92849 0.92859 0.92870	0·17 0·18 0·18	1.96778 1.96783 1.96788	0.08 0.08 0.08	2.50018 2.50229 2.50440	3·52 3·52 3·53	0·397: 0·398: 0·398:
15 16 17	0.92881 0.92892 0.92902	0·18 0·17 0·18	I-96798 I-96798 I-96803 I-96808	0.08 0.08 0.08 0.08	2.50652 2.50864 2.51076 2.51289	3.53 3.53 3.55 3.55	0.399 0.399 0.399 0.400
18 19 20	$\begin{vmatrix} 0.92913 \\ 0.92924 \\ 0.92935 \end{vmatrix}$	0·18 0·18 0·17	1.96813 1.96818	0·08 0·08	2·51502 2·51715	3·55 3·57	0.400
21 22 23 24	$\begin{bmatrix} 0.92945 \\ 0.92956 \\ 0.92967 \\ 0.92978 \end{bmatrix}$	0·18 0·18 0·18 0·17	1.96823 1.96828 1.96833 1.96838	0.08 0.08 0.08 0.08	2-51929 2-52142 2-52357 2-52571	3.55 3.58 3.57 3.58	0.401; 0.401; 0.402; 0.402;
25 26 27 28	0.92988 0.92999 0.93010 0.93020	0·18 0·18 0·17 0·18	1.96848 1.96848 1.96853 1.96858	0.08 0.08 0.08 0.08	2-52786 2-53001 2-53217 2-53432	3-58 3-60 3-58 3-60	0·402 0·403 0·403 0·403
29 30 31 32	0.93052	0·18 0·17 0·18 0·18	T-96868 T-96868 T-96873 T-96878	0.08 0.08 0.08 0.08	2-54082 2-54299	3-62 3-62 3-62 3-62	0-404 0-404 0-404 0-405
33 34 35	0.93074 0.93084 0.93095	0·17 0·18 0·18	1.96883 1.96888 1.96893	0.08 0.08 0.08	$\begin{vmatrix} 2.54516 \\ 2.54734 \\ 2.54952 \end{vmatrix}$	3.63 3.63 3.63	0.405 0.406 0.406
36 37 38 39	0.93106 0.93116 0.93127 0.93137	0·17 0·18 0·17 0·18	1.96898 1.96903 1.96907 1.96912	0.08 0.07 0.08 0.08	2-55170 2-55389 2-55608 2-55827	3.65 3.65 3.65 3.65	0-406 0-407 0-407 0-407
40 41 42	0.93148 0.93159 0.93169	0·18 0·17 0·18	T-96917 T-96922 T-96927	0·08 0·08 0·08	2-56046 2-56266 2-56487	3-67 3-68 3-67	0-408 0-408 0-409
43 44 45	$\begin{vmatrix} 0.93180 \\ 0.93190 \\ 0.93201 \end{vmatrix}$	0·17 0·18 0·17	1.96932 1.96937 1.96942	0.08 0.08 0.08	$\begin{array}{ c c c c c } 2.56707 \\ 2.56928 \\ 2.57150 \end{array}$	3.68 3.70 3.68	0.409 0.409 0.410

D. 1". Log Sin. D. 1". Tan. D. 1", Log Tan. D.1". ı Sine. Sec. 0.17 1.97015 0.08 3.78 0 0.933582.60509 0.415820.632.7901.970201 0.933680.180.082.60736 3.78 0.416200.632.792 2 0.933790.171.970250.08 2.60963 3.78 0.416580.63 2.794 1.970303 0.933890.180.082.611903.80 0.41696 0.62 2.7960.17 1.970350.072.61418 4 0.934003.80 0.417330.63 2.798 T.97039 0.08 5 0.934100.172.61646 3.80 0.417710.632.801 6 0.934200.18 1.97044 0.08 2.618743.820.41809 0.632.803 7 0.93431 0.171.970490.08 | 2.621033.82 0.418470.63 2.805 9 3 0 2.8240.63 1.97097 0.08 2.64410 0.170.4222817 0.935348.870.63 2.826 18 0.935440 - 181.971020.08 2.64642 3.88 0.422660.632.829 0.17 1.97107 0.07 2-64875 3.90 0.42304 19 0.93555 0.63 2.8311.971110.08 20 0.935650.172.65109 3.88 0.42342 0.652.833 1.97116 0.08 21 0.93575 0.17 2.65342 3.90 0.423810.632.835()() 0.935850.18 1.971210.08 2.65576 3.920.424190.632.837

TRIGONOMETRICAL FUNCTIONS & T

•	U 11 47 A 47 A	· · ·	2001 C # 17 20 C	* 11 10	AND COMMITTEE OF C	4, (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	O KAUKI	0.00	12000
8	0.93441	0.18	1.97054	0.08	2.62332	3.82	0.41885	0.63	2.807
9	0.93452	0.17	1.97059	0.07	2.62561	3.83	0.41923	0.63	2.809
	0.93462	0.17	1.97063		2.62791	3.83	0.41961	0.63	2.811
11	0.93472	0.18	1.97068	0.08	2.63021	3.85	0.41999	0.63	2.813
12	0.93483	0.17	1.97073	0.08	2.63252	3.85	0.42037	0.63	2.816
13	0.93493	0.17	1.97078	0.08	2.63483	3.85	0.42075	0.63	2.818
14	0.93503	0.18	1.97083	0.07	2.63714	3.85	0.42113	0.63	2.820
	0.93514	0.17	1.97087		2.63945				2.822
143	0.93524	0.17	1.97092	0.08	2.64177	3.88	0.42190	0.63	2.824

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,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log!
0	0.93969	0.17	<u>1</u> .97299	0.07	2.74748	4.15	0.43
1	0.93979	0.17	1.97303		2.74997	4.15	0.43
2	0.93989	0.17	1.97308	0.07	2.75246	4.17	0.43
3	0.93999	0.17	1.97312	0.08	2.75496 2.75746	4·17 4·17	0.44
4	0.94009	0.17	1.97317	0.08			
5	0.94019	0.17	I-97322		2.75996	4.18	0.44
6	0.94029	0.17	I-97326		2.76247	4.18	()·44 ()·44
7	0.94039	0.17	1.97331		2.76498	$4.20 \\ 4.20$	0.44
8	0.94049	0.15	1.97335 1.97340	0.08 0.07	2.76750 2.77002	4.20	0.44
9	0.94058	0.17					
10	0.94068	0.17	1.97344		2.77254	4.22	0.44
11	0.94078	0.17	1.97349		2.77507	4.23	0.44
12	0.94088	0.17	1.97353		2.77761	4.22	0.44
13	0.94098	0.17	1.97358		2.78014	4.25	0.44
14	0.94108	0.17	1.97363		2.78269	4.23	()-44
15	0.94118	0.15	1.97367		2.78523	4.25	()-44
16	0.94127	0.17	1.97372		2.78778	4.25	()-44
17	0.94137	0.17	1.97376		2.79033		0.44
18	0.94147	0.17	1.97381		2.79289	4.27	0.44
19	0.94157	0.17	1.97385	0.08	2.79545	4.28	()-44
20	0.94167	0.15	1.97390	0.07	2.79802	4.28	0-44
21	0.94176	0.17	1-97394		2.80059	4.28	()-44
22	0.94186	0.17	1.97399		2.80316	4.30	()-44
23	0.94196	0.17	1.97403		2.80574	4.32	()-44
24	0.94206	0.15	1.97408	0.07	2.80833	4.30	()-44
25	0.94215	0.17	1.97412	0.08	2.81091	4.32	()-44
26	0.94225	0.17	1.97417		2.81350	4.33	0.44
27	0.94235	0.17	7.97421		2.81610	4.33	() 44
28	0.94245	0.15	1.97426		2.81870	4.33	0.45
29	0.94254	0.17	1.97430	0.08	2.82130	4.35	0.45
30	0.94264	0.17	1.97435	0.07	2.82391	4.37	0.45
31	0.94274	0.17	1.97439		2-82653	4.35	0.45
32	1	0.15	1.97444		2.82914	4.37	0.45
33	0.94293	0.17	1.97448		2.83176	4.38	0.45
34	0.94303	0.17	I-97453	0.07	2.83439	4.38	0.45
35	0.94313	0.15	1-97-457	0.07	2.83702	4.38	0.45
36	1	0.17	1.97461		2.83965		0.48
37		0.17	1.97466		2.84229		0.45
38		0.15	1.97470		2-84494		0.45
39		0.17	1.97475	0.07	2-84758	4.42	0.45
40	0.94361	0.15	1.97479	0.08	2.85023	4.43	0.45
41	0.94370	0.17	1.97484		2.85289		0.45
42		0.17	1-97488		2.85555		0.45
43	4	0.15	1.97492		2-85822		0.45
44	1	0.17	1.97497		2-86089	4.45	0.45
45		0.15	1-97501		2.86356	4.47	0.45
10			1.07500		0.00000		14 4 7.

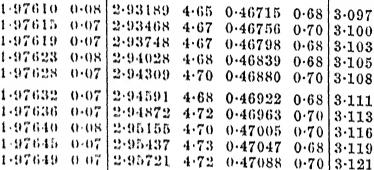
D. I". Log Sin. D. 1". Sine. Tan. D. 1". Log Tan. D. 1". Sec. 0.94552 0.151.975670.07 2.90421 0 4.580.46303 0.68 3.071 0.17 1.97571 1 0.94561 0.08 | 2.90a9a A.KO 3.074 3.076 3.0793.081 3.084

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			Z1	W 1117	m 4 (1) (1) (1)	4,00	0.40344	0.681	1.3
2	0.94571	0.15	-1.97576	0.07	2.90971	4.58	0.46385	0.60	ด
	0.94580	0.17	1.97580	-0.071	2.91246	4.62	0.16196	0.00	۱۵
-1	0.94590	0.15	1.97584	0.08	2-91523	4.60	0.46467	0.68	3
۲.	0.94599	0.17	1.97589	0.07	2.91790	4.69	0.40500	0 50	_
	0.01000	A. 15.	1.025.02	A 1100	201100	*.03	0.40008	0.70	3
()	0.94609	41. 70	1.01000	0.04	202076	4.63	0.46550	0.68	3
7	0.91618	0.19	1.97597	0.08	2.92354	4.63	0.46591	0.68	3

4	0.94590	0.15	1.97584	0.08	2.91523	4.60	0.46426	0.68
5	0.94599	0.17	1.97589	0.07	2.91799	4.62	0.46508	0.70
1	0.94609	Oslă	1.97597	0.08	2.92354	4.63	0.46591	0.69
8	0.94627	$0.17 \\ 0.15$	1.97602 1.97606	$\frac{0.07}{0.07}$	2.92632	4.63	0.46632	0.65
1 ()	0 9 16 46	0.17	1.97610	0.08	2-93189	4.65	0.46715	0.68
11	0.94656	0.15	1-97615	0.07	2.93468	4.67	0.46756	0.70

6 0.34003	0.19	1.21/2/20	0.07	2.92076	4.63	0.46550	0.68	3.087
7.0.91618	OTO	1.97.597	0.08	2.92354	4.63	0.46KQT	0.60	9.000
8 0.94627	0.17	1.97602	0.07	[2.92632]	4.63	0.46639	0.00	2.000
9 0.94634	0.19	1.97606	0.07	2-92910	4.65	0.46673	0.70	3.0951
10 0 9 16 46	0.17	1.97610	0.08	2-93189	4.65	0.46715	0.68	3.097
11:0-94656	Octo	-1.97615	-0.07	2.93468	4.67	0.46756	0.70	9.700
12 0.94665	0.15	-1.97619	0.07	2.93748	4.67	0.46798	0.68	2.102
13 0 94674	0.17	-1.97623	0.08	2.94028	4.68	0.46839	0.69	9.108
14 0/94684	0.15	1.97628	0.07	2.94309	4.70	0.46880	0.70	3.108
3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	13 1 %	1.02020	11.11.19	10.01501	4 00	A 40000		



-			A 37 8	0.X0100	$-\alpha \cdot \alpha \circ 1$	O.
3	0.08	2.94028	4.68	0.46839	0.68	3
14	0.07	2.94309	4.70	0.46880	0.70	3
#af	0.07	2.94591	4.68	0.46922	0.68	3
13	(1-1)1	2.94872	4.72	0.46963	0.70	3
()	0.08	2-95155	4.70	0.47005	0.70	3
1	0.07	2.95437	4.73	0.47047	0.68	3
ţ)	() () (2.95721	4.72	0.47088	0.70	3
3	0.07	2.96004	4.73	0.47130	0.68	3
1	0.08	2-96288	4.75	0.47171	0.70	3
T A	0.07	2.96573	4.75	0.47213	0.70	3
f i	() - (17	2-96858	4.77	0.47255	0.70	3

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23	0.94708	4) 15	1 97666	11.117	2-96858	4.77	0.47255	0.70	3.132
24	0.94777	0.15	1 97670	(1-117	2.97144	4.77	0.47297	0.70	3.135
25	0 94786	0.15	1.97674	0.08	2.97430	4.78	0.47339	0.68	3.137
26	0 94795	11 17	1 97679	0.07	2.97717	4.78	0.47380	0.70	3.140
200	0.9450.	0.15	1.97683	0.07	2.98004	4.80	0.47422	0.70	3.143
27	0.94811	ulb	1-976K7	(1-(17	2.98292	4.80	0.47464	0.70	3.146
29	0.94823	0.15	1.97691	0.08	2 98580	4.80	0.47506	0.70	3.148
30	0.94832	11-17	1.97696	(1.1)7	2-98808	4.83	0.47548	0.70	3.151

26	0 94795	11 17	1 97679	0.07	2.97717	4.78	0.47380	0.70	3.140
13 08	0.9480.	0.15	1.97683	0.07	2-98004	4.80	0.47422	0.70	3.143
23	0.94811	11 1 h	1-97687	11-11	2.08202	4.80	0.47464	0.70	3.146
29	0.94823	0.15	1.97691	0.08	2 98580	4.80	0.47506	0.70	3.148
	0.94832								
31	0 94843	n La	1 97700	0 07	2-99158	4.82	0.47590	0.70	3.154
32	0 94851	0 15	1 97704	0 07	2.99447	4.85	0.47632	0.70	3.157

## F	46.45 47.4444	** * **	B	17 17 1	200 412-1117	A (175	W.A.C.	0.10	O'1.1
N.	0.94811	ulb	1-07687	(1-(17	2.08202	4.80	0.47464	0.70	3.14
			1-97691		1				•
30	0.94832	0.17	1.97696	11.117	2-98808	4.83	0.47548	0.70	3.18
			1 97700						
32	0.94851	0 15	1 97704	0 07	2.99447	4.85	0.47632	0.70	3.11

mir s. s	The control of the way	*4 . * **	# . t. # . b. t. #	*****	AL 6117171111	A . (3.1)	0.41900	0.10	9.149
30	0.04832	01-17	1.97696	(1.1)7	2-98868	4.83	0.47548	0.70	3.151
	0.94842								
	0.94851								
33	0.94860	0.15	1 97708	0.08	2-99738	4.83	0.47674	0.70	3.159
			6 200 200 2		1				1

	11 11 12 12 22								
	0 94843								
	0.94851								
33	0.94860	11 1 %	1 97708	11.03	2-99738	4.83	0.47674	0.70	3.1
			6 250 250 3	m.					

31 0.94869 0 07 | 3 00028 4.N5 0.477160.70[3.16215 217713

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					CICAL	~ T. (
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log T
0	0.95106	0.15	$\overline{1} \cdot 97821$	0.07	3-07768	$5 \cdot 08$	0.488
1	0.95115	0.15	1.97825	0.07	3.08073	$5 \cdot 10$	0.488
2	0.95124	0.15	1.97829	0.07	1 "	5.10	0.489
3	0.95133	0.15	1.97833	0.07	1	$5 \cdot 10$	0-489
4	0.95142	0.13	1.97837	0.07	3.08991	$5 \cdot 12$	0-489
5	0.95150	0.15	1.97841	0.07	3-09298	5-13	0.490
6	0.95159	0.15	1.97845	0.07	-	5-13	0-490
7	0.95168	0.15	I-97849	0.07	,	5.15	0-491
8	0.95177	0.15	1.97853	0.07	10	5-15	0.493
9	0.95186	0-15	1.97857	0.07	3.10532	5-17	0-492
10	0-95195	0.15	1.97861	0.08	3.10842	5.18	0-49:
11	0.95204	0 - 15	1.97866	0.07		5.18	0-492
12	0.95213	0.15	1.97870	0.07	i .	5.18	0.493
13	0.95222	0.15	1.97874	0.07		5-20	0-49;
14	0.95231	0.15	1-97878	0.07	3.12087	5.22	0.49
15	0.95240	0.13	1.97882	0.07	1	5.22	()-49-
16	0.95248	0.15	1.97886	0.07	1	$5 \cdot 23$	0-498
17	0.95257	0.15	1-97890	0.07	3-13027	5.23	0-491
18	0.95266	0-15	1.97894	0.07	I .	5·25 5·27	0-496 0-496
19	0.95275	0.15	1-97898	0.07	3.13656		
20	0.95284	0-15	1-97902	0.07	3.13972	5-27	0.496
21	0.95293	0.13	1-97906	0.07	ŧ .	5-28	0.497
22	0.95301	0.15	1.97910	0.07	1	5-28 5-30	0.497
$\begin{array}{c c} 23 \\ 24 \end{array}$	0.95310	$0.15 \\ 0.15$	1.97914 1.97918	$0.07 \\ 0.07$	$\begin{vmatrix} 3 \cdot 14922 \\ 3 \cdot 15240 \end{vmatrix}$	5-30	0.495
1					l		
25	0.95328	0.15	1.97922	0.07	1	5.32	0.499
26 27	0.95337 0.95345	0-13 0-15	1-97926 $1-97930$	$0.07 \\ 0.07$		5-33 5-33	0.499
28	0.95354	0.15	1.97934	0.07		5-35	0.400
29	0.95363	0.15	1.97938	0.07	3.16838	5.35	0.500
1							
30 31	0.95372 0.95380	$0.13 \\ 0.15$	1.97942 1.97946	0.07		5-37 5-38	0.501
32	0.95389	0.15	1.97950	0.07	3-17804	5-38	0.502
33	0.95398	0.15	1.97954	0.07	3-18127	5-40	0.502
34	0-95407	0.13	1-97958	0.07	3-18451	5-40	0.503
1	0.95415	0.15	1-97962	0.07	3-18775	5-42	0.503
	0.95424	0.15	1.97966	0.07	3.19100	5-43	0.503
	0.95433	0-13	1-97970	0.07		5.43	0.504
. 1	0.95441	0.15	1-97974	0.07	3-19752	5.45	0.504
	0-95450	0.15	1-97978	0.07	$3 \cdot 20079$	5-45	0.606
i	0.95459	0.13	1-97982	0.07	3-20406	5-47	0.505
- 1	0.95467	0.15	1-97986	0.05	3-20734	5-48	0.500
	0.95476	0.15	1-97989	0.07	3-21063	8-48	0.506
	0.95485	0.13	1-97993	0.07	3-21392	5-50	0.507
44	0.95493	0-15	1.97997	0.07	3-21722	5.62	0.507
I	0.95502	0.15	1.98001	0.07	3-22053		

TRIGONOMETRICAL FUNCTIONS & 7

	Sime.	D. I".	Log Sin.	D. I".	Tan.	D. 1".	Log Tan.	D. 1".	క
()	0.95630	0.15	1.98060	0.05	3.27085	5.68	0.51466	0.75	3.42
1	0.95639	0.13	1.98063	0.07	3.27426	5.68	0.51511	0.77	3.42
2	0.95647	0.15	1.98067	0.07	3.27767	5.70	0.51557	0.75	3.42
3	, ០-១៦៩៦៩	0.13	1.98071	0.07	3.28109	5.72	0.51602	0.75	3.43
4	0.95664	0.15	1.98075	0.07	3.28452	5.72	0.51647	0.77	3.43
	0.95673	0.13	1.98079	0.07	3.28795	5.73	0.51693	0.75	3.43
	0.95681	0.15	1.98083	0.07	3-29139	5.73	0.51738	0.75	3.43
7	0.95690	0.13	1.98087	0.05	3-29483	5.77	0.51783	0.77	3.44
8	0.95698	0.15	1.98090	0.07	3-29829	5.75	0.51829	0.75	3.44
9	0.95707	0.13	1.98094	0.07	3.30174	5.78	0.51874	0.77	3.4.
8 ~	0.95715	0.15	1.98098	0.07	3.30521	5.78	0.51920	0.75	3.45
	0.95724	0.13	1.98102	0.07	3.30868	5.80	0.51965	0.77	3.45
12	0 95732	0.13	1.98106	0.07	3.31216	5.82	0.52011	0.77	3.45
13	0.95740	0.15	1.98110	0.05	3-31565	5.82	0.52057	0.77	3.4
14	0.95749	0.13	1.98113	0.07	3.31914	5.83	0.52103	0.75	3.4
15	0.95757	0.15	1.98117	0.07	3.32264	5.83	0.52148	0.77	3-46
16	0.95766	0.13	1.98121	0.07	3-32614	5.85	0.52194	0.77	3.47
17	0.95774	0.13	1 98125	0.07	3-32965	5.87	0.52240	0.77	3.47
18	0.95782	0.15	1 98129	0.05	3-33317	5.88	0.52286	0.77	3.47
19	0.95791	0.13	1 98133	()·() ⁴ ₁₈	3-33670	5.88	0.52332		3.48
20	0.95799	0.13	1.98136	0.07	3-34023	5.90	0.52378	0.77	3.48
21	0.95807	0.15	4.98140	0.07	3.34377	5.92	0.52424	0.77	3.49
***	0 95816	0.13	1-98144	0.05	3.34732	5.92	0.52470		3.49
23	0.95824	0.13	1 98147	0.07	3-35087	5.93	0.52516		3.49
	10 95832	0.15	1-98154	0.07	3-35443	5.95	0.52562		3.5
25	0.95841	0.13	1 98155	0.07	3-35800	5.97	0.52608	0.77	3.50
236	O STANIS	0.13	1 98159	0.05	3 36158	5.97	0.52654	0.78	3.50
11 PM	10 95857	0.13	1-98162	0.07	3-36516	5.98	0.52701	0.77	3.5
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/4	IKI	GOI	MOM	7 I L	CICAI	_ <u> </u>	71/6
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D.1".	Log T
0	0.96126	0.13	Ī·98284	0.07	3.48741	6.40	0.542
1	0.96134	0.13	1.98288	0.05	3.49125	6.40	0.542
2	0.96142	0.13	1.98291	0.07	3.49509	6.42	0.543
3	0.96150	0.13	1.98295	0.07	3.49894	6.42	-0.543 -0.544
4	0.96158	0.13	1.98299	0.05	3.50279	6.45	
5	0.96166	0.13	$\overline{1} \cdot 98302$	0.07	3.50666	6.45	0.544
6	0.96174	0.13	1.98306	0.05	3.51053	6.47	0.545 0.545
7	0.96182	0.13	Ĩ·98309 Ĩ·98313	$\begin{array}{c} 0.07 \\ 0.07 \end{array}$	3.51441 3.51829	6·47 6·50	0.546
8 9	$\begin{vmatrix} 0.96190 \\ 0.96198 \end{vmatrix}$	$\begin{array}{c} 0.13 \\ 0.13 \end{array}$	1.98317	0.05	3.52219	6.50	0.546
10	0.96206	0.13	$\tilde{1}.98320$	0.07	3.52609	6.53	0.547
līi	0.96214	0.13	1.98324	0.05	3.53001	6.53	0.547
12	0.96222	0.13	1.98327	0.07	3.53393	6.03	0.548
13	0.96230	0.13	<u>1</u> .98331	0.05	3.53785	6.57	0.548
14	0.96238	0.13	1.98334	0.07	3.54179	6.57	0.549
15	0.96246	0.12	1.98338	0.07	3.54573	6.58	0.549
16	0.96253	0.13	1.98342	0.05	3.54968	6.60	0.550
17	0.96261	0.13	1.98345	0.07	3.55364	6.62	0.550
18	0.96269	0.13	1.98349	0.05	3.55761	6.63	0.551
19	0.96277	0.13	1.98352	0.07	3.56159	6.68	0.551
20	0.96285	0.13	1.98356	0.05	3.56557	6.67	0.552
21	0.96293	0.13	1.98359	0.07	3.56957	6.67	0.552
22	0.96301	0.12	1.98363 1.98366	0.05	3·57357 3·57758	6.68 6.70	0.553 0.553
$\begin{array}{c} 23 \\ 24 \end{array}$	0.96308	$0.13 \\ 0.13$	1.98370	0.07 0.05	3.58160	6.70	0.554
25	0.96324	0.13	T-98373	0.07	3.58562	6.73	0.554
26 26	0.96324	$0.13 \\ 0.13$	1.98377	0.07	3.58966	6.73	0.555
27	0.96340	0.13	1.98381	0.05	3.59370	6.75	0.555
28	0.96347	0.13	1.98384	0.07	3.59775	6.77	0.556
2 9	0.96355	0.13	1.98388	0.05	3.60181	6.78	0.556
30	0.96363	0.13	1.98391	0.07	3.60588	6.80	0.557
31	0.96371	0.13	1.98395	0.05	3.60996	6.82	0.557
32	0.96379	0.12	1.98398	0.07	3.61405	6.82	0.557
33	0.96386	0.13	1.98402	0.05	3.61814	6.83	0.558
34	0.96394	0.13	1.98405	0.07	3.62224	6.87	0.558
35	0.96402	0.13	1.98409	0.05	3.62636	6.87	0.559
36	0.96410	0.12	1.98412	0.05	3.63048	6.88	0.559
$\begin{array}{c} 37 \\ 38 \end{array}$	0.96417	$0.13 \\ 0.13$	1.98415 1.98419	0·07 0·05	3-63461	6-88 6-92	0-560 0-560
39	0.96433	$0.13 \\ 0.12$	1.98422	0.03	3-64289	6.93	0.561
40	0.96440	0.13	1.98426	0.05	3.64705	6.93	0-561
41	0.96448	0.13	1.98429	0.03	3.65121	6.95	0.562
42	0.96456	0.12	1.98433	0.05	3-65538	6 98	0 562
43	0.96463	0.13	1.98436	0.07	3.65957	11:11H	0.563
44	0.96471	0.13	1.98440	0.03	3.66376	7 00	0.5633
45	0.96479	0.12	1.98443		3-66796	1 O 23	0 564
48	0.96486	0.13	1.084.17	0.05	2417217	7.119	0.504

TRIGONOMETRICAL FUNCTIONS & D. 1". D. 1". D.1". Log Tan.

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Log Sin.

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 $\overline{1}$.98568

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 $\overline{1}$.98578

1.98581

 $\overline{1} \cdot 98584$

 $\overline{1.98588}$

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1.98601

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1.98607

 $\overline{1} \cdot 98610$

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0.96880

0.96887

0.96894

1	U	0.96593	0.15	7.30434	0.07	2.12702	7.25	0.97195	0.83	3.8
	1	0.96600	0.13	$\bar{1}$.98498	0.05	3.73640	$7 \cdot 25$	0.57245	0.85	3.8
1	2	0.96608	0.12	$\overline{1}$.98501	0.07	3.74075	7.28	0.57296	0.85	3.8
	3	0.96615	0.13	$ar{1}$.98505	0.05	3.74512	7.30	0.57347	0.83	3.8
1	4	0.96623	0.12	$\overline{1}.98508$	0.05	3.74950	7.30	0.57397	0.85	3.8
	5	0.96630	0.13	$\overline{1}$.98511	0.07	3.75388	7.33	0.57448	0.85	3.8
-	6	0.96638	0.12	$\overline{1}$.98515	0.05	3.75828	7.33	0.57499	0.85	3.8
	7	0.96645	0.13	$\overline{1}$.98518	0.05	3.76268	7.35	0.57550	0.85	3.8
	8	0.96653	0.12	$\overline{1}$.98521	0.07	3.76709	7.38	0.57601	0.85	3.8
	9	0.96660	0.12	$\overline{1}$.98525	0.05	3.77152	7.38	0.57652	0.85	3.9
	10	0.96667	0.13	$\overline{1} \cdot 98528$	0.05	3.77595	7.42	0.57703	0.85	3.9
	11	0.96675	0.12	$\overline{1}$.98531	0.07	3.78040	7.42	0.57754	0.85	3.9
	12	0.96682	0.13	$\overline{1}$.98535	0.05	3.78485	7.43	0.57805	0.85	3.9
	13	0.96690	0.12	$\bar{1}$.98538	0.05	3.78931	$7 \cdot 45$	0.57856	0.85	3.9
	14	0.96697	0.13	$\bar{1}$ -98541	0.07	3.79378	7.48	0.57907	0.87	3.9
	15	0.96705	0.12	$\overline{1} \cdot 98545$	0.05	3.79827	7.48	0.57959	0.85	3.9
	16	0.96712	0.12	$\bar{1}$.98548	0.05	3.80276	7.50	0.58010	0.85	3.9
	17	0.96719	0.13	$\overline{1} \cdot 98551$	0.07	3.80726	7.52	0.58061	0.87	3.9
	18	0.96727	0.12	$\overline{1} \cdot 98555$	0.05	3.81177	7.55	0.58113	0.85	3.9
	19	0.96734	0.13	$\overline{1} \cdot 98558$	0.05	3.81630	7.55	0.58164	0.87	3.9
	20	0.96742	0.12	<u>1</u> .98561	0.07	3.82083	7-57	0.58216	0.85	3.9
	21	0.96749	0.12	$\overline{1}.98565$	0.05	3.82537	7.58	0.58267	0.87	3.9

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3.88068

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/()	IKI	GOT	AOMI	TIV	CAL	r	MCII
[,	,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan. 1
	0	0.97030	0.12	T-98690	0.07	4.01078	8.30	0.60323
		0.97037	0.12	1.98694	0.05	4.01576	8.30	0.60377
		0.97044	0.12	1.98697	0.05	4.02074	8.33	0.60431
		0.97051	0.12	1.98700	0.05	4.02574	8.37	0.60485
1 '	4	0.97058	0.12	I-98703	0.05	4.03076	8.37	0.60539
	1	0.97065	0.12	1.98706	0.05	4.03578	8.38	0.60593
		0.97072	0.12	1.98709	0.05	4.04081	8.42	0.60647
	7	0.97079	0.12	1.98712	0.05 0.07	4·04586 4·05092	843 845	0.60701 - 0.60755 - 0
	$\frac{8}{9}$	0.97086 0.97093	$\begin{array}{c} 0.12 \\ 0.12 \end{array}$	1.98715 1.98719	0.07	4.05599	8-17	0.60810
1	1	0.97100	0.10	T-98722	0.05	4.06107	8.48	0.60864
		0.97106	0.12	1.98725	0.05	4.06616	8.52	0.60918
lî:		0.97113	0.12	1.98728	0.05	4.07127	8.53	0.60973
1		0.97120	0.12	1.98731	0.05	4.07639	8.55	0.61028
11	4	0.97127	0.12	1.98734	0.05	4.08152	8.57	0.61082
11	5	0.97134	0.12	1.98737	0.05	4.08666	8.60	0.61137
	6	0.97141	0.12	I-98740	0.05		8.62	0.61192
1	1	0.97148	0.12	1.98743	0.05		8.62	0.61246
	8	0.97155	0.12	1.98746	0.07	4-10216	8.67	0.61301
1	9	0.97162	0.12	1.98750	0.05	4.10736	8.67	0.61356
	0	0.97169	0.12	1.98753	0.05	4-11256	8.70	0.01411
•	1	0.97176	0.10	1.98756	0.05	4-11778	8.72 8.73	0:61466 0:61521
	3	0.97182 0.97189	$0.12 \\ 0.12$	1.98759 1.98762	30•0 30•0	4.12825	8.75	odlagi udlagi
The state of the s	4	0.97196	0.12	1.98765	0.05	4.13350	H-7 H	0.61682
1	ő	0.97203	0.12	T-98768	0.05	4-13877	8-80	0.61687
	6	0.97210	0.12	1.98771	0.05	4-14405	8.82	0.61743
	7	0.97217	0.10	1.98774	0.05	4-14934	8.85	0 61798
	18	0.97223	0.12	1.98777	0.05	4-15465	8-87	0.61853
2	19	0.97230	0.12	1.98780	0.05	4-15997	HHH	0.61909
3	0	0.97237	0.12	1.98783	0.05	4-16530	8-90	0.61965
	3 L	0.97244	0.12	1.98786	0.05	4.17064	8 93	0 62020
1	2	0.97251	0.10	1.98789	0.05		8-95	0.62076
	13 14	0.97257 0.97264	0.12	1.98792 1.98795	0-05 0-05	4.18137	8-97 9-00	0 02132 ·
1								
	15 16	$0.97271 \\ 0.97278$	0.12	1.98798 1.98801	80-05 80-0	4-19215 4-19750	9-02 9-03	0 62244 0-62300
	17	0.97284	0.12	1.98804	0.05		9-67	0-62300 0-62356
	В	0.97291	0.12	1.98807		4.20842	9 08	0 62412
	19	0.97298	0.10	1.98810	0.05	,	11 10	0.02468
	0	0.97304	0.12	1.98813	0.05	4.21933	9-13	0 62524
	I	0.97311	0.13	1.98816	0.05	à	9 15	0 02581
4	2	0.97318	0.12	1.98819	0.05	4.22030	9-17	0.62637
	3	0.97325	0.10	1.98822		4-23580	11 11 11	0.62694
14	4	0.97331	0.12	1-98825	0.05	4.24132	11-11-11	0 62750
	B	0.97338	0.12	1.08828		4-24685	0.23	0-02807
14	A	0.97345	0.10	THREET	0.05	4 95939	9 07	to time with

,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".
0	0.97437	0.12	$\bar{1}$.98872	0.05	4.33148	9.58	0.63664	0.95
1	0.97444	0.10	$\overline{1} \cdot 98875$	0.05	4.33723	9.62	0.63721	0.97
2	0.97450	0.12	1.98878	0.05	4.34300	9.65	0.63779	0.97
3	0.97457	0.10	1.98881	0.05	4.34879	9.67	0.63837	0.97
4	0.97463	0.12	$\bar{1}.98884$	0.05	4.35459	9.68	0 ·6 3 895	0.97
5	0.97470	0.10	$\overline{1}$.98887	0.05	4.36040	9.72	0.63953	0.97
6	0.97476	0.12	<u>1</u> .98890	0.05	4.36623	9.73	0.64011	0.97
7	0.97483	0.10	1.98893	0.05	4.37207	9.77	0.64069	0.97
8	0.97489	0.12	1·98896	0.03	4.37793	9.80	0.64127	0.97
9	0.97496	0.10	$\overline{1}.98898$	0.05	4.38381	9.80	0.64185	0.97
10	0.97502	0.10	1.98901	0.05	4.38969	9.85	0.64243	0.98
11	0.97508	0.12	1.98904	0.05	4.39560	9.87	0.64302	0.97
12	0.97515	0.10	1.98907	0.05	4.40152	9.88	0.64360	0.98
13	0.97521	0.12	$\overline{\underline{1}}$.98910	0.05	4.40745	9.92	0.64419	0.97
14	0.97528	0.10	$\overline{1}$ ·98913	0.05	4.41340	9.93	0.64477	0.98
15	0.97534	0.12	$\bar{1}$.98916		4.41936	9.97	0.64536	0.98
16	0.97541	0.10	1.98919	0.03	4.42534	10.00	0.64595	0.97
17	0.97547	0.10	$\overline{1}$ 98921	0.05	4.43134	10.02	0.64653	0.98
18	0.97553	0.12	1.98924		4.43735	10.05	0.64712	0.98
19	0.97560	0.10	$\bar{1}$ 98927	0.05	4.44338	10.07	0.64771	0.98
20	0.97566	0.12	$\overline{1}.98930$	0.05	4.44942	10.10	0.64830	0.98
21	0.97573	0.10	1.98933		4.45548	10.12	0.64889	1.00
22	0.97579		$\overline{1}$ 98936		4.46155	10.15	0.64949	0.98
23	0.97585	0.12	1.98938		4.46764	10.17	0.65008	
24	0.97592	0.10	$\overline{1}.98941$	0.05	4.47374	10.20	0.65067	0.98
25	0.97598	0.10	<u>1</u> .98944		4.47986	10.23	0.65126	
26	0.97604		1.98947		4.48600	10.25	0.65186	
27	0.97611	0.10	1.98950		4.49215	10.28	0.65245	
28	0.97617	0.10	<u>1</u> .98953		4.49832	10.32	0.65305	
29	0.97623	0.12	1.98955		4.50451	10.33	0.65365	0.98
30	0.97630		$\overline{1}$ 98958		4.51071	10.37	0.65424	
31	0.97636		1.98961		4.51693	10.38	0.65484	
32	0.97642		1.98964		4.52316	10.42	0.65544	
33	0.97648		1·98967		4.52941	10.45	0.65604	
34	0.97655	0.10	1.98969		4.53568	10.47	0.65664	
35	0.97661	0.10	1.98972		4.54196	10.50	0.65724	
36	0.97667		1.98975		4.54826	10.53	0.65785	
37	0.97673		1.98978		4.55458	10.55	0.65845	
38	0.97680		1.98980		4.56091	10.58	0.65905	_
39	0.97686		$\bar{1}.98983$		4.56726	10.62	0.65966	
10	0.07600	0.10	T 00000	0.05	4 57900	10.00	0.00000	7.00

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7 8°	TRI	GO	MOM	ET	RICA	LFI	UNCT
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.
0	0.97815	0.10	1.99040	0.05	1	11.23	0.67253
1	0.97821	0.10	1.99043	0.05	4.71137	11.27	0.67315
2	0.97827	0.10	1.99046	0.03	4.71813	11.28	0.67377
3	0.97833	0.10	1.99048	0.05	4.72490	11.33	0.67439
4	0.97839	0.10	1.99051	0.05	4.73170	11.35	0.67502
5	0.97845	0.10	T-99054	0.03	4.73851	11.38	0.67564
6	0.97851	0.10	1.99056	0.05	4.74534	11.42	0.67627
7	0.97857	0.10	1.99059	0.05	4.75219	11.45	0.67689
8	0.97863	0.10	1.99062	0.03	4.75906	11.48	0.67752
9	0.97869	0.10	1.99064	0.05	4.76595	11.52	0.67815
10	0.97875	0.10	1.99067	0.05	4.77286	11.53	0.67878
11	0.97881	0.10	1.99070	0.03	4.77978	11.58	0.67941
12	0.97887	0.10	1.99072	0.05	4.78673	11.62	0.68004
13	0.97893	0.10	1.99075	0.05	4.79370	11.63	0.68067
1.4	0.97899	0.10	1.99078	0.03	4.80068	11.68	0.68130
15	0.97905	0.08	1.99080	0.05	4.80769	11.70	0.68194
16	0.97910	0.10	1.99083	0.05	4.81471	11.73	0.68257
17	0.97916	0.10	1.99086	0.03	4.82175	11.78	0.68321
18	0.97922	0.10	1.99088	0.05	4.82882	11.80	0.68384
19	0.97928	0.10	1.99091	0.03	4.83590	11.83	0.68448
20	0.97934	0.10	1.99093	0.05	4.84300	11.88	0.68511
21	0.97940	0.10	1.99096	0.05	4.85013	11.90	0.68575
22	0.97946	0.10	1.99099	0.03	4.85727	11.95	0.68639
23	0.97952	0.10	1.99101	0.05	4.86444	11.97	0.68703
24	0.97958	0.08	1.99104	0.03	4.87162	12.00	0.68767
25	0.97963	0.10	T-99106	0.05	4.87882	12.05	0.68832
26	0.97969	0.10	1.99109	0.05	4.88605	12.08	0.68896
27	0.97975	0.10	1.99112	0.03	4-89330	12:10	0.68960
28	0.97981	0.10	1.99114	0.05	4.90056	12:15	0.69025
29	0.97987	0.08	1.99117	0.03	4.90785	12-18	0.69089
30	0.97992	0.10	1.99119	0.05	4-91516	12.22	0.69154
31	0.97998	0.10	1.99122	0.03	4.92249	12.25	0.69218
32	0.98004	0.10	1.99124	0.05	4-92984	12.28	0.69283
33	0.98010	0.10	1.99127	0.05	4.93721	12:32	0.69348
34	0.98016	0.08	1.99130	0.03	4.94460	12.35	0.69413
35	0.98021	0.10	1.99132	0.05	4.95201	12.40	0.69478
36	0.98027	0.10	1.99135		4-95945	12.42	0.69543
87	0.98033	0.10	1.99137		4 96690	12-47	0.69809
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,	Sime.	1), 1",	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	_
0	0.98163	0.08	1.99195	0.03	5-14455	13.35	0.71135	1.12	5
2	$0.98168 \\ 0.98174$	0-10	1.99197 1.99200	0.05 0.03	5.15256 5.16058	13.37 13.42	0.71202	1.13	5
3	0 98179	0.10	1.99202	0.03	5.16863	13.47	0.71270 0.71338	$1.13 \\ 1.12$	5
4	0.98185	0.08	1.99204	0.05	5.17671	13.48	0.71405	1.13	5
5	0.98190	0.10	1-99207	0.03	5-18480	13.55	0.71473	1.13	1
6	0.98196	0.08	1.99209		5.19293	13.57	0.71541	1.13	E
7	0 98201	0 10	1 99212		5-20107 5-20925	13.63	0.71609	1.13	1
8 9	0 98212	0.10	1 99217	0.03	5-21744	13.65 13.70	0·71677 0·71746	$1.15 \\ 1.13$	100
10	0.98218	0.08	1 99219	0.03	5-22566	13.75	0.71814	1.15	
liï	0.98223	0.10	1 99221	0.05	5-23391	13.78	0.71883	1.13	
12	0.98229	0.08	1 09224	0.03	5-24218	13.83	0.71951	1.15	1
13	0.98234	0.10	1.99226 1.99229	0.05	5-25048	13.87	0.72020	1.15	1
11	0.98240	OUR		0.03	5-25880	13.92	0.72089	1.15	
13	0.08245		-1.99231 -1.99233	0.03	5-26715 5-27553	13.97 14.00	0.72158 0.72227	1.15	
16	- 0 98250 - 0 98256	-	1 99236		5 28393	14.03	0.72227	1·15 1·15	
l's	a pagat	0.10	1 99238		1	14.08	0.72365		
1:9	0.98267	11 11%	1 199211	0.03	5-30080	14.13	0.72434	1.17	
20	[1] "[1] "[2]" [3]		1 00213		5 30928		0.72504		
21	O DANGET		1 110 2 15		5.31778	14.22	0.72573		- 1
21.4	** *******		1 00218		5 32631 5 33487	$\frac{14.27}{14.30}$	$-0.72643 \\ -0.72712$		١.
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0	0.98481 0.98486	0·08 0·08	1.99335 1.99337		5-67128	16.17	0.75442	1.2
2	0.98491	0.08	1.99340	0.03	;	16.22	0.75516	1.9
3	0.98496	0.08	1.99342	0.03	1	16.27	0.75590	1 (4)
4	0.98501	0.08	1.99344	0.03	5.71013	16.32	0.75865	1 . 23
5	0.98506	0.08	1.99346	0.03	5.71992	16.37	0.75739	1 .*
6	0.98511	0.08	1.99348	0.05	5.72974	16.43	0.75814	112
7	0.98516	0.08	1.99351	0.03	5.73960	16.48	0.75888	1 2
8	0.98521	0.08	1.99353	0.03	5.74949	16.53	075963	1 2
9	0.98526	0.08	1.99355	0.03	5.75941	16-60	0.76038	1 ::
10	0.98531	0.08	1.99357	0.03	5.76937	16.65	0.76113	1 Al
11	0.98536	0.08	1.99359	0.05	5.77936	16.70	0.76188	1 ::
12	0.98541	0.08	1.99362	0.03	5.78938	16.77	0.76263	1.2
13	0.98546	0.08	1.99364	0.03	5-79944	16.82	0 76339	1.3
14	0.98551	0.08	1.99366	0.03	5.80953	10.88	0 76414	1
15	0.98556	0.08	1.09368	0.03	5-81966	16 93	0.76490	1 2
16	0.98561	0.07	1.99370	0.03	5-82982	16.98	0.76565	12
17	0.98565	0.08	1.99372	0.05	5-84001	17 05	070041	1 2
18	0.98570	0.08	1.99375	0.03	5 85024	17 12	076717	1 2
19	0-98575	0.08	1-99377	0.03	5-86051	17 15	0 76794	1 11
20	0.98580	0.08	1.99379	0.03		17.23	0.70870	1 2
21	0.98585	0.08	1.99381	0.03	5 88114	17.28	0 76946	1 2
22	0.98590	0.08	1-99383	0.03	1	17 33	0 77023	1 2
$\frac{23}{24}$	0.98595 0.98600	0.08 0.07	1-99385 1-99388	0-05 0-03	5-90191	17:42 17:45	077099	1:2
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$\frac{25}{26}$	0.98604 0.98609	80·0 80·0	-1-99390 -1-99392	0.03 0.03	5-92288 5-93335	17-53 17-58	0 77253 0 77330	1 2
27	0.98614	0.08	1.99394	0.03	5-94390	17 63	077407	1 1
28	0.98619	0.08	1.99396	0.03	5-95148	1770	077484	1 3
29	0.98624	0.08	1.99398	0.03	5 96510	17-77	0 77562	1 1
30	0.98629				5 97576		0 77639	1 3
31	0.98633	0.08	1-99402	0.03	5 98646	17 90	077717	1 3
32	0.98638	0.08	1.99404	0.05	5-99720	17.95	0.77795	1 3
33	0.98643	0.08	1.99407	0.03	6-00797	18 02	0 77873	1 3
34	0.98648	0.07	1:99409	0.03	6-01878	18.07	0.77951	1 3
35	0.98652	0.08	1.09411	0.03	6.02962	1815	0.78020	1.3
36	0.98657	0.08	1.99413	0.03	6-04051	18 20	078107	1 11
37	0.98662	0.08	1.99415	0.03	6 05143	18 28	0 78180	1 3
38	0.98667	0.07	1-99417	0.03	6.06240	EE KI	0.78204	1.3
39	0.98671	0.08	1.99419	0.03	6-07340	18 40	078343	1 :1
40	0.98676	0.08	1.99421	0.03	G-08444	18-47	0 78423	1.3
41	0.98681	0.08	1.99423	0.03	6 09552	RARI	0.78501	1 3
42	0.98686	0.07	1.99425	0.03	6-10664	IH-BH	U-7HARU	1 3
43	0.98690	0.08	1.00427	0:03	6 11779	18 67	0 78059	1 3
44	0.98695	0.08	1.99429	0.05	6-12899	18.73	0.78739	1 11
45	0.98700	0.07	1.99432	0.03	6-14023	IRNO	078818	1 2

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]	[R	ugo.	NOI	MELI	RIC.	AL FI	UNC	TION	IS 8	& 7.
	•	Sinc.	D. 1".	Log Sin.	1), 1".	Tan.	D. 1".	Log Tan.	D. 1".	Se
		0.98769 0.98773	$\begin{array}{c} 0.07 \\ 0.08 \end{array}$	1-99462 1-99461	0.03	6-31375 6-32566	19.85 19.92	0.80029 0.80111	1·37 1·37	6·39 6·40
	****	0 98778 0 98782	0.03	$\frac{1}{1}$ 99466 $\frac{1}{1}$ 99468	$0.03 \\ 0.03$	6-33761 6-34961	20.00 20.07	0·80193 0·80275	1.37 1.37	6·41 6·42
		0.98787 0.98791	0.07	1 99470	0.03	6-36165 6-37374	20·15 20·22	0.80357	1.37	6.43
	6	0 98798 0 98800	0.07	1 99474	0 03	6-38587 6-39804	20.23 20.28 20.37	0.80439 0.80522	1·38 1·38	
	8	0 93805 0 98809		1 99 178 1 99480	0 03	1	20.45 20.52	0.80605 0.80688 0.80771	1·38 1·38 1·38	6·47 6·48
Ì	10	0 98814	0 07	1 99482 1 99484	0.03	ì	20-60	0.80854	1.38	6·49 6·51
	12	0 98823 0 98827		1 99486 1 99488	0.03	6-45961	20.68 20.75 20.83	0.80937 0.81021	1·40 1·38	6.53
	14	a annas	007	,1 99490	0.03	6-48456	20.90	0·81104 0·81188	$1.40 \\ 1.40$	6·54
	16	O PRESIDENCE	0.07	1 99492	0.09	6-49710 6 50970	21.00 21.07	0.81272 0.81356	1·40 1·40	6.57 6.58
	18	ALKKU U LIKKU U LIKKU U	0.08	1 99 195 1 99 197 1 99 199	0.03	6 62234 6 62503 6-5 1777	21-15 21-23	0.81440 0.81525	1.42	6.61
	251	REPRESENTANTAM	OOR	1 99801	0.03	i a agosa	21-30 $21-40$	0.81609 0.81694		6.63
	2824	en findiski († 1885)	0.07	\$ \$150 for \$250 \$ 150 for \$250 for \$250 \$ 150 for \$250 fo	0.03	0.58027	21.47 21.57	0.81864	1.42	6.6
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		URMER A. Permeta	*** *****	1 99511	0 03	a nasat	21-80 21-88	0.82206	1.43	6.7
		1	0 07	・ ・	0.02	6 66 163	21.98 22.07 22.13	0.82378	1.43	6.7
	I	ER TRACERS	: 007	1 14 14 14 14 14	(() () ()	6 69116	*)*) *) *) m* *** ****	0.82550	1.45	6.7
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	30	有用 医皮尔里贝皮 激素	1 11 117	4 20 76 28 44	t Fu tab,	म _ि इत तर के क्षेत्र के soi	M447 5/4	. 21.514545474	/ L'% /	0.0

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1	1	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan,
	0	$0.99027 \\ 0.99031$	$0.07 \\ 0.07$	$\frac{1.99575}{1.99577}$	$0.03 \\ 0.03$	7-11537 7-13042	$25.08 \\ 25.18$	$0.85220 \\ 0.85312$
1	2	0.99035	0.07	1.99579	0.03	7.14553	25.30	0.85403
4	3	0.99039	0.07	1.99581	0.02	7.16071	25.38	0.85496
	4	0.99043	0.07	1.99582	0.03	7.17594	25.52	0.85588
1	5	0.99047	0.07	1.99584	0.03	7.19125	25.60	0.85680
	6	0.99051	0.07	1.99586	0.03	7.20661	25.72	0.85773
- 4	7	0.99055	0.07	1.99588	0.02	7.22204	25.83	0.85866
	8	0.99059	0.07	1.99589	0.03	7.23754	25.93	0.85959
	9	0.99063	0.07	1.99591	0.03	7-25310	26.05	0.86052
	10	0.99067	0.07	1.99593	0.03	7.26873	26.15	0.86146
	11	0.99071	0.07	1-99595	0.02	7.28442	26.27	0.86239
	12	0.99075	0.07	1.99596	0.03	7.30018	26.37	0.86333
	13	0.99079	0.07	1-99598	0.03	7.31600	26.50	0.86427
	14	0.99083	0.07	1.99600	0.02	7.33190	26.60	0.86522
1	15	0.99087	0.07	1.99601	0.03	7.34786	26.72	0.86616
	16	0.99091	0.05	1.99603	0.03	7.36389	26.83	0.86711
- 1	17	0.99094	0.07	1.99605	0.03	7.37999	26.95	0.86806
1	18	0.99098	0.07	1.99607	0.02	7.39616	27.07	0.86901
	19	0.99102	0.07	1.99608	0.03	7.41240	27.18	0.86996
	20	0.99106	0.07	1-99610	0.03	7.42871	27.30	0.87091
	21	0.99110	0.07	1.99612	0.02	7-44509	27.42	0.87187
L.	22	0.99114	0.07	1.99613	0.03	7.46154	27.53	0.87283
	23	0.99118	0.07	1.99615	0.03	7.47806	27.65	0.87379
1.34	24	0.99122	0.05	1.99617	0.02	7-49465	27.78	0.87475
	25	0.99125	0.07	1.99618	0.03	7.51132	27.90	0.87572
1	26	0-99129	0.07	1.99620	0.03	7-52806	28.02	0.87668
	27	0.99133	0.07	1.99622	0.03	7.54487	28.15	0.87765
	28	0.99137	0.07	1.99624	0.02	7.56176	28.27	0.87862
	29	0.99141	0.02	1-99625	0.03	7.57872	28-38	0.87960
1	30	0.99144	0.07	1.99627	0.03	7.59575	28.53	0.88057
	31	0.99148	0.07		0.02			0.88155
	32	0.99152	0.07	1.99630	0.03	7.63005	28.78	0.88253
	33	0.99156	0.07	1.99632	0.02	7.64732	28.90	0.88351
	34	0.99160	0.05	1.99633	0.03	7.66466	29-03	0.88440
	35	0.99163	0.07	1.99635	-	7.68208	29-15	0.88548
i	36	0.99167	0.07	1.99637	0.03	7.69957	29.30	0.88647
	37	0.99171	0.07	1.99638	0.03		29.42	0.88746
- 3	38	0.99175	0.05	1.99640		7.73480	29.57	0.88845
1	39	0.99178	0.07	1.99642	0.02	7.75254	29 68	0.88944
	40	0.99182	0.07	1.99643		7.77035	29.83	0.89044
	41	0.99186	0.05	1.99645	0.03	7.78825	29.95	0.89144
1	42	0.99189	0.07	1.99647	0.02	7.80622	30-10	0.89244
	43	0.99193	0.07	1.99648	6, ,, 4,	7-82-128	30.23	0.89344
	44	0.99197	0-05	1.99650	0.03	7.84242	30.37	0 89445
	45	0.99200	0.07	1-99651		7.86064	30.52	0.89546
- 19	46	0.99204	0.07	1-99653	0.03	7.87895	30.65	0.89647

TRIGONOMETRICAL FUNCTIONS & TH 14, 17, Log Sun. D. P. Tan. D. 1". Log Tan. D. 1". * . "1716", Sec.

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	24 25 26 27 28	0.99961 0.99962 0.99963 0.99963 0.99964	0·02 0·02 0·00 0·02 0·02	1.99983 1.99984 1.99984 1.99984	0·00 0·02 0·00 0·00 0·02	35-8006 36-1776 36-5627 36-9560 37-3579	sufficiently accurate	1· 1· 1· 1·
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